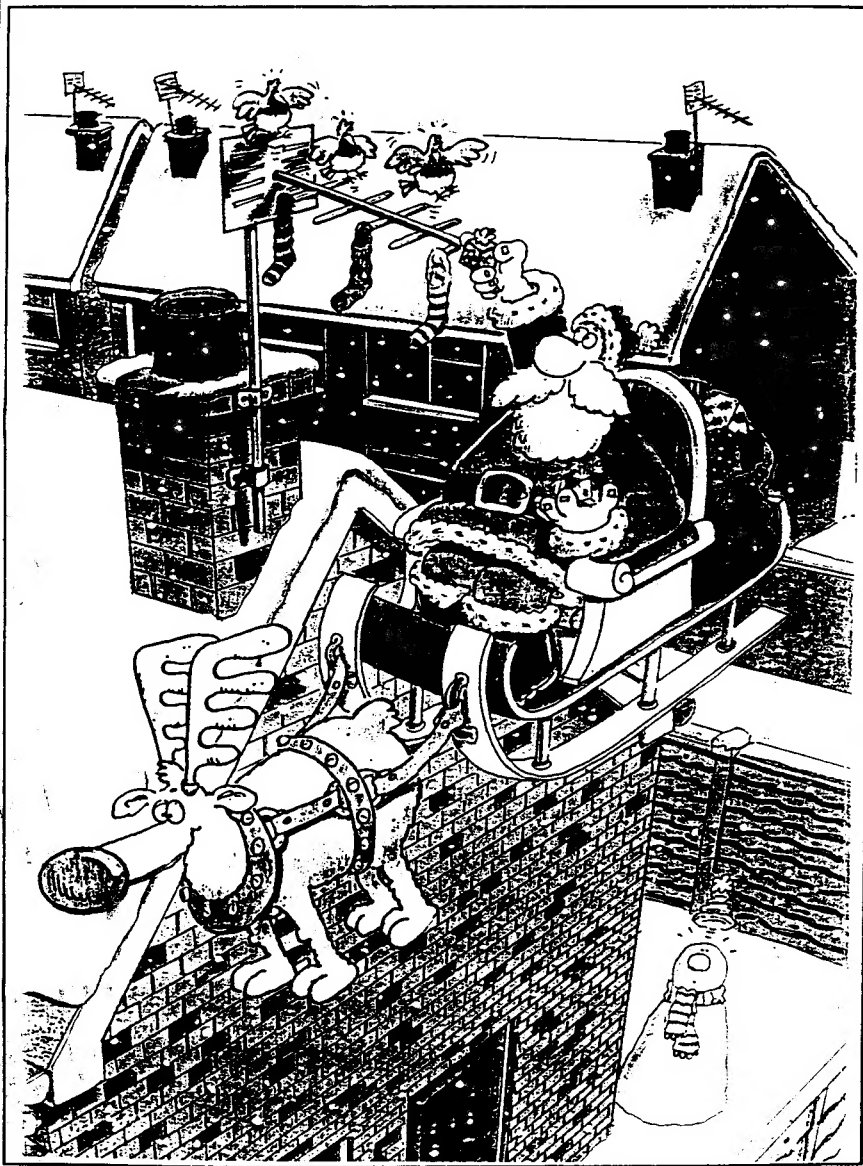


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 2000



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072



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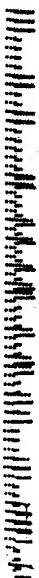
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FARMINGTON CT 06032



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WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

BOISE: The dates for our 2001 convention in Boise, Idaho are set and we hope you'll incorporate the event into your vacation/travel schedule for next year. Frank Aden, who has previously hosted conventions in the "Gem State" for AM DXers, will welcome us July 27-29. This early notice is aimed primarily at those who must submit requests for 2001 vacation dates during the month of January. Idaho will be a new destination for a WTFDA convention and offers a special opportunity for members in the western U.S. and Canada to attend a club function closer to their homes. Details regarding this event are being finalized and will appear in this column when they are completed. At that time registration and reservations will be encouraged. We want to emphasize that our conventions are, in reality, informal get-togethers with a minimum of planned activities. This allows those who attend plenty of time to renew old acquaintances, meet new DXers, visit, look at DX video and photo collections, and even do some sightseeing on their own. ***This is the FM/TV DXer's event of the year. Don't miss out on the fun July 27-29.***

MAJOR TROPO EVENT: November 10 and 11 proved to be one of the better tropospheric openings of the year for a huge area from the midwest to the southeast. Exceptional loggings were reported by almost everyone who knew about the activity...and the word spread fast on both of WTFDA's on line outlets. The 112 member Topica bulletin board (reflector) was loaded with virtually instant update info on who was getting what; and because the opening occurred during the regular Friday night chat time on the Delphi site, live postings there were helpful in IDing stations being seen by members hundreds of miles away. If you're on line but not participating in these services, you're missing two outstanding sources of DXer information. Contact Mike Bugaj <mbugaj@snet.net> for information. It's easy, fun, and rewarding.

HAPPY HOLIDAYS



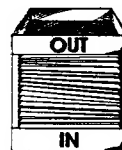
WTFDA MAILBOX

P.O. Box 501
Somerville, CT 06072

Mike Bugaj

Mbugaj@snet.net

DECEMBER 2000 HAPPY HOLIDAYS TO ALL!



Welcome everyone to the Holiday edition of the Mailbox. I hope everyone has a super-fine holiday season! December can be an interesting DX month. You might see a little bit of E skip, perhaps into the FM band if you're lucky. Tropo is possible in the Southern states, and F2 has been an almost constant daytime visitor at my location since the middle of October. F2 from the CA Highway Patrol is common here on 42mhz, so turn on your scanner and see what you can hear.

DON'T YOU JUST LOVE THIS HOBBY?

I do, and I'm sure that the following folks who have renewed their membership for another year do also. Here they are: Dr. Joel Rosenberg (ON), Chester Jaffee(CA), Eric Nagel(SC), Jeff Kitsko(PA), Steve Branch(IL), Jim Renfrew(NY), Kurt Nelson(PA), Bob Seybold(NY), John Callerman(OK) and Keith Short(OH). Glad to have you all staying for another year!

This month we have lots of good comments from WTFDA members, so let's get started. Luis Franceschi in Ponce, PR sent an item from a local newspaper that mentioned that RAAD Broadcasting, owner of WXYX-FM ("LaX") in Bayamon, PR has submitted an application for a c.p. to build a booster on 100.7 in Juana Diaz City near Ponce. The booster will run with .014kw and will be located 6km northeast of Juana Diaz City.

Luis cut some logos out of his local newspaper and I have included two of them here. One is from WZMT-93.3 and WCTA-95.1, and the other is from WMEG Guayama-San Juan. As time goes on I will try to use the other three here. Luis would also like to see more DTV News here in the VUD. Well, Doug does an excellent job with DTV info and news and when something really important happens regarding DTV, you'll read it here in the VUD. To see how many WTFDA members feel about DTV, read *Want My DTV?* In a recent VUD.

John Vervoort checks in from Brooklyn and asks: "Whatever happened when network affiliates used to advertise in the TV Guide or local newspapers? This seems to be a lost art. I have a collection of TV Guides from different markets in the US. Most of these are from the late '80s, however I

do have some from the '50s, '60s and '70s. Network affiliates used to run full or half-page ads, complete with station logos and photos of their news staff. I have even assembled an album of the network affiliates' ads. Most stations use a title alongside of their channel number and callsigns. The most common of these being Eyewitness News, Action News, Newscenter and NewsChannel. In my opinion the best part, by a long shot, of TV DXing is viewing the local news on a major network affiliate. No two stations are exactly alike in how they present the news. It is far more exciting than watching the same network feeds you would see and hear on your local station. I find that the most fun and interesting stations to view are from medium-sized markets. Unlike stations in urban centers or very small locations, stations serving medium-sized markets have pleasant looking futuristic studios, nice theme music and an overall professional format".

Speaking of TV Guides, David Shapiro emails in from Little Rock and asks me to let you all know again that he's looking for mint copies of the VA-NC edition and Central VA editions of TV Guide from 1954-1957. He will take the best reasonable offer. Call Dave at 501-664-8673 weekday nights and weekends. David wants these so bad he'll be willing to pay you in pure plutonium.

John Callarman sent a renewal check and asked to be placed back on the WTFDA reflector again. John just completed a move from IL to Krum, TX. John writes "We're still bogged down in remodeling work at the new house. We got moved in 8/14, but the work that we'd contracted for three years ago still isn't done. Little bits and pieces, with two-week or more gaps between the next step. I'm remembered of "George Washington Slept Here", an old Broadway play which we did in the Pampa, TX Little Theatre 35 years ago. The basic play premise was all the problems found in a remodeling job". John, I'll have my old buddies Bob Villa and Norm Abrahms there in the morning to straighten things out. :)

Received another nice email from Jim Ayers in Atlanta, and Jim writes: "Read an article in Radio World yesterday about a gentleman who has conducted studies on how receivers' sensitivity falls off on the order of "several magnitudes" in areas of high signal concentration. His studies dealt with FM, which I can't DX here due to front end overload. End result, a capable receiver falls far short on distance results as it adjusts to the local RF. I assumed the reduced sensitivity works the same way on TV". Jim, this is news to me, but I hope others will write in or email me and comment on this.

The WTFDA List at Topica.com
Send a blank email to WTFDA-subscribe@topica.com
Over 110 WTFDAers get the latest news via email!

David Sinclair reports from Vancouver that he has a new email address and wants you to know. You can reach David at davidasinclair@yahoo.com. Do you yahoo?

WTFDA MEMBERSHIP LIST



The complete WTFDA membership list is available for your viewing pleasure on the internet. I have removed street addresses from the list but have kept everything else intact. Tom has mentioned including a membership list with the VUD and

I'm sure he will when he has the time to do it. I would advise all of you who can get to a computer to check it out for any mistakes in your name or address. I have two URLs where the list can be found: <http://pages.cthome.net/fmdx/wtfda3.html> and <http://members.nbci.com/crccc/wtfda3.html>. Use whichever address works for you. The current list is dated Nov 5th. I'll probably update it around Jan. 1st and from then on every 3 months. The WTFDA membership stands today (11/11) at 275 people. This is the best shape the club has been in a while.

THE CONRAD RDS MANAGER

"Pat Dyer is owed a big recognition for what he has been doing with the Conrad RDS Manager and he hasn't even been tooting his horn about it. I counted his dx report totals in the November column...roughly 528 loggings (both new and relogs) in his report, with 121 of them being id'd with the RDS Manager. That converts to almost 23% of the stations he listed as loggings. That actually surprises me...up until reading his report, my sources have been saying that the U.S. is just a little over 10% in use of RDS, but not according to Pat's report".

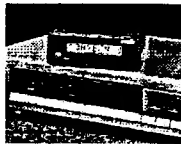
These words come from WTFDA member Jim Thomas of Milliken, CO. Jim pays attention to Pat Dyer's DX reports and he noticed something that the rest of us overlooked. He noticed that Pat is logging an awful lot of FM stations by their RDS IDs. Because of his observations, Jim himself bought a Conrad RDS Manager direct from the distributor in England. He tried it, and he loves it. And now the RDS Manager is HOT...very HOT!

If you are subscribed to the WTFDA email list, then you already know a little about this. But if you are not, here is the information. The RDS Manager is made in Europe, where most stations broadcast an RDS signal and are light-years ahead of the USA in that respect. Many tuners and receivers used in Europe already have RDS incorporated into their circuitry. Most European FM Dxs rely on their RDS display to give them the IDs they need to log a station. With RDS starting to take hold in the United States, some Dxs are beginning to take advantage of the benefits of RDS. The biggest benefit...an ID of the station on a LC display that stares at you.

The RDS Manager itself is a self-contained unit that sits besides, or on top of, your receiver or tuner. The Manager connects to one of your audio-out lines (A "T" connector is used to splice the unit into the audio line). The unit runs on 9-16 volts DC. Jim says

the unit is about the size of a small digital clock radio. Take a look at the picture below to see for yourself.

Jim has had good luck using the unit for meteor scatter Dxing. If the burst is long enough, it will trigger the RDS Manager to show an ID on the unit's display.



Needless to say, a unit like this may prove invaluable during next summer's E skip season and may be a valuable aid in finding stations in the educational band that seem to play nothing but music or run nothing but NPR News. Now you'll be able to go there, get the ID and get out.

WTFDAer Rich Wertman has been in contact with the distributor in the UK to try to purchase some units, field test them and sell them in the United States. The unit itself is not expensive; if bought direct from the UK the price is around \$50.00.

I am one of those people standing in line to order their RDS Manager. I think it is an exciting product, a way to ID more stations...stations that normally would not ID ever. The only fly in the ointment is that the units are NOT available. They have been back-ordered by the manufacturer and Rich is unable to get any at this time. But sometime they will be available. Maybe I'll see you standing in line with me!

Thanks to Pat Dyer for using the RDS Manager, and thanks to Jim for noticing Pat's loggings, buying one for himself and then telling us about it.

HOW I STARTED DXING

This time from Bill Mitchell, Columbus OH

Back in the early to mid 1950s in Northern California there was no ch. 2. I came home from school one day to find a ch. 2 as clear as the SF stations 50 miles away. However, this was coming from Denver, CO. That was all it took.

As a kid I logged Vancouver, Calgary, Midland, TX and various other locales from my Santa Rosa location. KTVU came on the air on ch. 2 in the later 50s, spoiling some of my fun. However, being a good distance from San Francisco, the DX stations often would overwhelm KTVU and the other lo-band stations, resulting in some good IDs.

Now living in the Midwest, there are plenty of locals and near fringe stations on VHF and UHF to contend with, but I still love finding an elusive station, made easier at my deep fringe cabin location at Indian Lake. This is where skip can really cook with such locales as Cheyenne, WY and Miami, FL having been received there.

I see that co-channel interference and suddenly I am that 10 year old kid again, fascinated by that distant channel 2, 3 or 32.

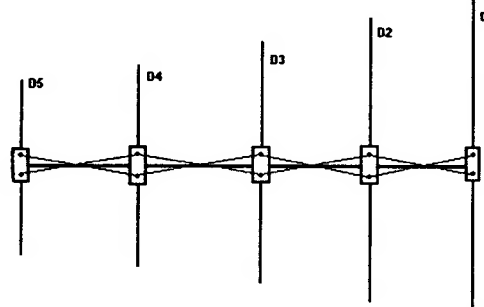
I love this hobby. It stimulates a very enduring curiosity.

LEAST, BUT NOT LAST

Thanks to everybody who contributed! So how did YOU get started? Write me a letter! Sign up for the WTFDA list and join our chat twice a week on Delphi. We are only as far away as your computer! Don't forget to write! -Mike

Build Your Own FM Antenna

Antenna plans from Alexeis Marreros Cruz



Here are some antenna plan submitted by Alex. He uses the FM antenna on the left to listen to two stations located at the Guantanamo Naval Base from his home.

This is a log periodic design. Elements are marked D1 through D5.

Lengths of each element is as follows. The length represents one half of the total length, or from the center to the end of the element.

Length of element D1 is 62.5 cm.
Length of element D2 is 58.5 cm.
Length of element D3 is 54.5 cm.
Length of element D4 is 50.5 cm.
Length of element D5 is 46.5 cm.

Spacing between elements is as follows. From element D5 to D4 17cm; D4 to D3 18cm, D3 to D2 19cm and from D2 to D1 21cm. Impedance is 300 ohms and lead-in connects to element D5. Isolators may be made out of plastic with the mounting holes drilled 34cm apart. Lead-in/Balun connects to screws and wing nuts installed at element D5. Have fun with it!

I RECENTLY BOUGHT OUT A DISTRIBUTOR'S STOCK OF ANTENNAS AND AMPS AND WOULD LIKE TO PASS THESE SPECIALS ALONG TO CLUB MEMBERS:

WINEGARD:
PR-7042 VHF/UHF ANTENNA 150" BOOM 12 AVAILABLE \$ 79.00
PR-5020 VHF ANTENNA 96" BOOM 1 AVAILABLE \$ 59.00
PR-5030 VHF ANTENNA 120" BOOM 1 AVAILABLE \$ 69.00
PR-5040 VHF ANTENNA 175" BOOM 5 AVAILABLE NO LONGER MADE \$ 89.00
PR-9022 UHF YAGI/COR REFLECTOR 80" BOOM 5 AVAILABLE \$ 42.00
PR-9032 UHF YAGI/COR REFLECTOR 118" BOOM 6 AVAILABLE \$ 49.00
AMPS:
AP-3800 VHF 29DB GAIN 1.9 NOISE 75 IN/OUT 6 AVAILABLE \$ 49.00
GA-3700 VHF 17.5 DB GAIN 2.2 NOISE 300 IN 75 OUT 4 AVAILABLE \$ 39.00

CHANNEL MASTER:
AMPS:
OO98C UHF QUANTUM CARTRIDGE AMP 23DB 2.5 NOISE 3 AVAILABLE \$ 39.00
ABOVE CAN BE USED ON ANY UHF ANTENNA W/ ENCLOSURE

ANTENNA-CRAFT:
P-7 PARABOLIC UHF DISH 7" NO LONGER MADE THIS IS IT!!! 1 AVAILABLE \$199.95
MXU-37 UHF CORNER REF/YAGI 60" BOOM 6 AVAILABLE \$39.95

COAX CABLE SPECIALS:
RG-6U BELDON SATELLITE SWEEP TESTED CABLE
1000' BOX \$ 99.95 OR PER FT. @ .20'
RG-11U SATELLITE SWEEP TESTED CABLE
1000' SPOOL \$ 250.00 OR PER FT. @ .40'

LANCE ANTENNA
U-60 PASSIVE WAVE ANTENNA 60" BOOM \$59.95
U92 PASSIVE WAVE ANTENNA 92" BOOM \$ 79.95

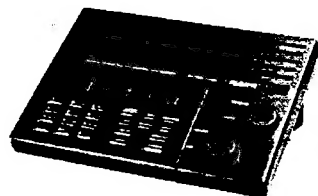
"ABOVE PRICES DO NOT INCLUDE UPS SHIPPING"

FALL TROPO SPECIALS!

If you are interested in any items listed, or any not listed, contact me via email at rwantenna@aol.com

or by phone at

716-433-0805 M-F 9 to 5, SAT 10-2 EST or write to Rich Wertman, 6150 Crosby Road, Lockport, NY 14094



WTFDA ScanLog 30-50mhz loggings!

F2 Skip Returns!

December 2000

JEFF KADET, MACOMB, IL

2-way FMn heard on these freqs. from South and Central America: 47.825, 48.425, 48.700 and 47.800. Also almost daily reception of some New Zealand on 45.24 to 45.26 MHz and Australia 46.171 MHz video buzz but usually extremely weak. This happens in the afternoons. Also, these stations I've worked on 6 meters the past few weeks:

00-10-31 1531z FR1GZ 50 ssb Reunion Island	00-11-06 1448 P43JB 50 cw 599Aruba
00-11-01 1532 7Q7RM 50 cw Malawi	00-11-07 1310 P43JB 50 cw "
00-11-01 1535 TR8CA 50 cw Gabon	00-11-07 1314 VP2MJD 50 ssb Montserret
00-11-01 1606 5R8EE 50 ssb Madagascar	00-11-07 1335 EH3ADW 50 cw Spain
00-11-01 1633 EH8BPX 50 ssb Canary Is.	00-11-07 1336 HP2CWB 50 ssb Panama
00-11-04 1329 8R1/W7XU 50 cw Guyana	00-11-07 1417 YV4YC 50 ssb Venezuela
00-11-04 1428 8R1/W7XU 50 ssb "	00-11-07 1452 KB6SL/KP4 50 ssb Puerto Rico
00-11-04 1438 J87AB 50 ssb St. Vincent	00-11-07 1455 YV1DIG 50 cw Venezuela
00-11-05 1425 HK3AVR 50 ssb Colombia	00-11-07 1606 LU9AEA 50 ssb Argentina
00-11-05 1441 HK4SAN 50 ssb "	00-11-07 1611 CX3AN 50 ssb Uruguay
00-11-05 1528 VP2MJJ 50 cw Montserret	00-11-07 1744 HC8GR 50 ssb Galapagos Is.
00-11-05 1537 PY0FF 50 cw Fernando de Noronha	00-11-07 1830 K6MIO/KH6 50 ssb Hawaii
00-11-06 1438 YV1DIG 50 ssb Venezuela	
00-11-06 1441 VP2MJJ 50 cw Montserret	

BILL NOLLMAN, FARMINGTON, CT

Here is my running list of actual IDed, known stuff... I have only been really trying to ID them for a short time... Equipment: Icom R-75 with CM Monitenna in the attic, sometimes 130 foot longwire in the woods.

Always In:

30.45 Fort Hood, Texas - Range Control - doing EVERY top of the hour radio checks of at least 20 bases around Ft. Hood and war game updates.
29.66 "From the Republic of Texas, this is the W5DFW repeater, Dallas, Fort Worth"

Other Regulars:

33.88 KMF447 - Houston, Texas FD
35.34 Spanish Paging
39.92 Spanish Paging, beep tone at the end of every tx.
37.18 Very southern accents (I call them VSA's) not sure if FD or PD yet

11/3/00

42.12 "H-20 Sacramento on the Gold"
42.20 Mobile units responding to same bus rollover as 42.12 base
42.08 "KAQ869" - Auberry, California State PD
42.08 Susanville (CA) mentioned VERY often in nearly every tx
42.54 Humboldt (county) mentioned often... "Dos Rios on 101"

(Bill Nollman's report continued)

39.60 WQHM438 and "in Spring Valley" - El Cajon, CA State PD

11/11/00

42.50 KCR935 and "Yuba County" mentioned often - Oroville, CA.

That's a very short list. Many, many more have been heard but not tracked too good in the log books so far. The CHP's usually run 2 or 3 on each frequency and usually are on around 12 or more frequencies in the 42MHz band. The 39's are also in use now and seem to suffer a lot worse from fading and multipath. The 42's also seem to have certain ones that have a very distinct hum in their audio. Not sure if that's caused by the propagation, or their equipment. I've started trying to ID them by the hum, especially when there are 2 on a freq and only one has the hum.

MIKE BUGAJ, ENFIELD, CT

The cops are back! First noted the CA Highway Patrol blasting in on 42mhz on Oct 14. Since that time they have been in almost every day. Fade in time seems to be around 11:30AM local time. Some openings cover southern CA and some favor central and northern CA. Here are new loggings for this fall:

10/21 1530 42.500 Chico	10/28 1410 42.560 Barstow
42.460 LA	1450 42.880 Madera Central Office
42.460 Sacramento WRG698	42.760 Mobile Units..Porterville ment.
42.600 Golden Gate	42.740 Mobile
42.560 Ukiah KDA712	42.700 Mobile
10/22 0900 35.460 Harmonic of Deutsche Welle,	11/3 1635 42.080 Fresno
Antigua	11/5 1234 39.600 El Cajon
1245 42.560 Victorville	11/11 1155 Spanish on 33.35, 33.375, 33.425 and
10/23 1800 42.500 Bakersfield	33.475. More mobile freqs on 42.720,
42.420 Golden Gate	42.700 and 42.760
42.500 Golden Gate	

Those of you who have computers can listen to a 5 minute sample of my CA F2 skip. I have a Realaudio file made and you can go to <http://members.nbci.com/crccc/ra.html> and listen to it anytime. Equipment: Bearcat BC860XLT and a Scantenna on the roof.

WILLIAM HEPBURN, BRAMPTON, ON

Nov 1 - 1005 EST - Chile 47.875, 47.90, 47.975 - Muzak-type stations.
Nov 1 - 1216 EST - unID video on ch E-2 on Samsung VCR.
Nov 8 - 1535 EST - unID video on ch NZ-1 (WNTV1 Wellington ?). Sig peaked @
SS on Icom..sync bars and brief very weak video coincided with fade-ups on scanner.

Other new loggings Oct 27-Nov 12...

33.375 - "Control", SS station..also SS unIDs on NUMEROUS other freqs.
35.025, 35.0375, 35.05, etc up to 35.95 - FF stations (likely France). Most
with musical tones between xmsns.
35.16 - Pacific Bell Maintenance, KDI-323, San Bernardino CA.
36.60 - "YSD dash" FM marker station. Likely San Salvador, El Salvador.
38.90 - "Range Control". UnID US or Canadian Army station.
39.14 - "Ontario", Ontario CA police. Plus other unID US police in 39/45
MHz bands.
42.48 - California Highway Patrol, WNXA-396, Colfax, CA.
42.50 - "Chico", CHP, KMH-963, Chico, CA. Plus several CHP relogs on new
frequencies.
44.52 - OmniTrans, WNGJ-941, San Bernardino, CA.

(Bill's report continued)

47.55 - unID SS station, mentioned Cali, Colombia.

Eqmt -

Rx1 VCR - Samsung SV-5000W World TV Signal Rx

Rx2 TV - Panasonic PC-29XF40R (29")

Rx3 Audio - Icom IC-R100 com rx

Ant - CM VHF h. yagi @ 47' w/10 db RS VHF amp

BOB COOPER, MANGONUI, NEW ZEALAND

For easterners, there are various remote transmitters monitoring snow depth in the Rockies and Sierras, called Snotel, operating +/- 40.530. These are data burst modulated and there are many of them, serving as an MUF indicator. Equally, an Alaskan network on 40.69 with data bursts as well. 42 MHz +, some frequencies heard here and to watch: 42.120 and 42.160 appear to be Portuguese (language) repeaters but have no idea where they are from. Often when they are in, there is also a data burst transmitter on 42.240 from probably the same general area and sometimes 42.150 repeater as well - not English nor Spanish. Typically, if we have 42 MHz USA reception before 8AM local time - 1900 UTC - it is a good omen. From Asia, look to 41.960 (AM) and 42.740 (AM) and 43.030 (AM). Strongest, most frequent heard during first 2 weeks of November were from Missouri (42.120 KAB302 and KAB202), 42.380 (KAA203), far more often that closer CHP in same frequency region. Possible SW third harmonic on 44.525 AM.

Regards, Bob Cooper

WALLY DICKSON, MILLIS, MA

California Highway Patrol:

42.62 Base 10-31-2000

Border Division CTCSS/PL Tone 162.2

42.76 Mobile 10-24-2000 3:22PM 10-24-2000

42.44 Base 10-31-2000

42.88 Base Santa Rosa 10-31-2000 & 11-4-2000

42.64 Mobile 11-7-2000 3:33PM

42.92 Base Contra Costa 10-31-2000 & 11-4-2000

42.66 Mobile 11-11-2000 2:02PM

Inland Division CTCSS/PL Tone 118.8

42.84 Mobile

42.56 Base 10-26-2000 & 10-31-2000

42.92 Base 11-4-2000

42.72 Mobile

Central Division CTCSS/PL Tone 146.2

Northern Division CTCSS/PL Tone 107.2

42.44 Base 10-24-2000 & 10-31-2000

42.28 Mobile

42.5 Base

42.4 Base

42.52 Base 10-31-2000

42.44 Base

42.6 Base

42.54 Base 10-24-2000 3:21PM

42.66 Mobile 10-31-2000

42.56 Base

42.76 Mobile 10-31-2000

42.76 Mobile 11-7-2000

42.88 Base 10-26-2000 & 10-31-2000

This Division also uses a tone of 179.9 on these Frequencies

Coastal Division CTCSS/PL Tone 167.9

42.16/42.4/42.5/42.82 Which are also used by the Valley Division

42.16 Mobile

Southern Division CTCSS/PL Tone 192.8

42.46 Base

42.12 Base Santa Fe Springs 10-26-2000 & 10-31-2000

42.54 Base 10-31-2000

42.2 Mobile Santa Fe Springs 10-31-2000

42.56 Base 10-31-2000

42.42 Base 10-31-2000 & 11-4-2000

42.72 Mobile

42.44 Base West Los Angeles 10-31-2000

Golden Gate Division CTCSS/PL Tone 131.8

42.46 Base 10-31-2000

42.12 Base Oakland 10-31-2000

42.5 Base 10-31-2000 & 11-4-2000

42.16 Base Marin

42.52 Base East Los Angeles 10-31-2000 & 11-4-2000

42.28 Mobile San Jose

42.56 Base South Los Angeles 10-31-2000 & 11-4-2000

42.4 Mobile Oakland 10-31-2000

42.78 Mobile Altadena 10-31-2000

42.42 Base Napa 10-31-2000

42.82 Mobile Altadena

42.44 Base San Francisco 10-31-2000

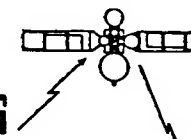
42.84 Mobile

42.5 Base San Jose 10-31-2000

42.88 Base Baldwin Park 10-26-2000 & 10-31-2000 &

42.6 Base Solano 10-24-2000 3:16PM

SATELLITE NEWS



G. W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

Doing this column this month is a bit of a chore having spent 2 weeks in Johns Hopkins Hospital with a minor stroke and heart attack (this diabetis can really do some things to you). It could have been worse in that I only lost some left poripheral vision. NOW TO A BARRAGE OF CHANGES-----
Satcom C1 has been replaces by GE 7 - with a 15 year life and 20 watt transponder power (compared to the 8.5 watt power of the old C1). Daystar has been noted on XPDR 10 in addition to its home on GE4.
Satcom C4 -
Delete 2 - MSNBC, 16 - Infomercials and 8 TV Guide Channel

ADD -
400 - VH1 En Espanol
401 - MTV En Espanol
402 - CBS Telenoticias
403 - Discovery En Espanol
404 - Cine Latino
405 - TV Rio De La Plata - Buenos Aires
406 - Fox Americas
407 - CNN En Espanol

all of the above have been on Galaxy 4 - and can be deleted from there.
Galaxy 1 - add the following
751 - HBO Latino - East
752 - HBO Latino - West
Telstar 7
800 - Independent Music Channel is very occasional
Galaxy 5
xpdr 10 - back to infomercials
Satmex 5
805 - now caRRYING A radio service
810 - womans face
811 - someone named Garcia's face
Anik E1 - 5 - Ku-band - Livestock auctions
Anik E2- 357 - Miracle Channel
GE1 - XPDR 19 - delete America's Voice
GE4- add the following-
407 - Fox Sports South West 2
408 - Fox Sports Detroit
409 - Fox Sports Pittsburgh
410- Fox Sports Rocky Mountain
411 - MSC
412 - MSC 2
413 - Home Team Sports
delete - 14 - Fox Sports Preview Channel
Galaxy 4 - delete 750 - 757 - Hispanic Channels to C4
- delete DMX 860 -867 - Spanish music channels to ????

Galaxy 11
XPDR 2 - Sunshine PPV???
18 - Fox News Channel in addition to 30
That's all for this month - I HOPE to have more next month.
In the meantime - Merry Christmas, Happy Chanukah, and Happy New Year.
11-12

TV News

December 2000

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
W9WI@w9wi.com

<http://www.w9wi.com>

Construction permits granted for new stations

St	Ch	ERP	Call/HAAT	City/applicant	Latitude	Longitude
AR	43-	5000	311	El Dorado; KM TV L.L.C.	32-49-05	92-32-49
HI	56z	69.2	661	Waimanalo; W. TV Part.	21-19-49	157-45-24
NF	12	0.05		St. John's; CBNT [8]		
UT	32z	1450	861	Provo; Provo Bcstg. LLC	40-16-05	111-56-11

The new Newfoundland station is to be located downtown, filling a gap in the channel 8 transmitter's coverage. The Arkansas station's transmitter is to be in Louisiana.

New-station applications dismissed/denied:

AR	El Dorado	ch. 43; 1 app	TX	Crockett	ch. 40; 1 app
HI	Waimanalo	ch. 56; 4 apps	UT	Provo	ch. 32; 11 apps

Applications for new DTV stations

AZ	L Havasu C	KMCC-DT	32	OH	Sandusky	WGGN-DT	42
LA	Baton Rouge	WBRZ-DT	13	TX	Eagle Pass	KVAW-DT	18
	Monroe	KNOE-DT	7		Weslaco	KRGV-DT	13

New DTV stations granted

AK	Juneau	KJUD-DT	11	KY	Paducah	WDKA-DT	50
AL	Birmingham	WIAT-DT	30	LA	Baton Rouge	WGM-B-DT	45
	Mobile	WPMI-DT	47		Lafayette	KLPB-DT	23
AR	Little Rock	KTHV-DT	12		Monroe	KLTM-DT	19
	Rogers	KFAA-DT	50		New Orleans	WVUE-DT	29
CA	Fort Bragg	KFWU-DT	15		Shreveport	KMSS-DT	34
	Modesto	KUVS-DT	18		Slidell	WUPL-DT	24
	Novato	KTLL-DT	47		W. Monroe	KMCT-DT	38
	Porterville	KPXF-DT	48	MO	Springfield	KSPR-DT	19
	San Fran.	KDTV-DT	51	MS	Hattiesburg	WHLT-DT	58
	S. L. Obispo	KSBS-DT	15	NC	Asheville	WLOS-DT	56
	Sanger	KMSG-DT	36			WHNS-DT	57
	Stockton	KQCA-DT	46		Durham	WRDC-DT	27
CO	Grand Jctn.	KCCO-DT	12		Greensboro	WFMY-DT	51
	Montrose	KREY-DT	13		Greenville	WNCT-DT	10
DE	Wilmington	WPPX-DT	31		Jacksonville	WFXZ-DT	34
FL	Boca Raton	WPPB-DT	44	NH	Merrimack	WPXB-DT	34
	Miami	WLTU-DT	24	NM	Clovis	KVIH-DT	20
		WBFS-DT	32		Santa Fe	KCHF-DT	10
	Orlando	WFTV-DT	39	OK	Okmulgee	KTPX-DT	28
	Tallahassee	WTXL-DT	22	OR	Portland	KOIN-DT	40
GA	Macon	WGXA-DT	16	PR	Ponce	WSUR-DT	43
HI	Kaneohe	KPXO-DT	41		San Juan	WKAQ-DT	28
IA	Cedar Rapids	KFXA-DT	27	SC	Columbia	WLTX-DT	17
	Davenport	KLJB-DT	49		Sumter	WQHB-DT	38
ID	Twin Falls	KXTF-DT	34	SD	Reliance	KPLO-DT	14
IL	Chicago	WLS-DT	52	TN	Kingsport	WKPT-DT	27
	Moline	WQAD-DT	38		Murfreesboro	WHTN-DT	38
	Peoria	WMBD-DT	30	TX	Arlington	KPXD-DT	42
	Springfield	WCFN-DT	53		Beaumont	KITU-DT	33
KS	Colby	KLBY-DT	17	TX	Galveston	KTMD-DT	47
	Ensign	KBSD-DT	5		Jacksonville	KETK-DT	22
	Garden City	KUPK-DT	18		Rosenberg	KXLN-DT	46
	Goodland	KBSL-DT	14		Snyder	KPCB-DT	10
	Hutchinson	KWCH-DT	19	VA	Roanoke	WSLS-DT	30
KS	Salina	KAAS-DT	17	VA	Roanoke	WFXR-DT	17
	Wichita	KAKE-DT	21	WI	Janesville	WHPN-DT	32
KY	Lexington	WTVQ-DT	40		Milwaukee	WTMJ-DT	28
	Louisville	WHAS-DT	55		Wausau	WHRM-DT	24

Stations deleted

BC	McLeese Lake	CH4392 [7]	BC	Wells	CH2161 [7]
	Soda Creek	CKSC-1 [4]			CH2162 [13]
		CKSC-2 [2]	TX	Freeport	K30DN
	Wells	CH2160 [5]			

LPTV Displacement Applications

AK	Anchorage	KYEX-LP	18=>16	NM	Eagle Nest	K53ET	53=>20
AL	Gulf Shores	WGHA-LP	66=>29		Forrest	K52CR	52=>29
CA	El Centro	K56GC	56=>24	NM	Hillsboro	K18DY	18=>19
	Fresno	KSDI-LP	34=>33		Hobbs	K58EJ	58=>45
CO	Grand Valley	K04GQ	4=>28		Montoya	K57BR	57=>29
FL	Melbourne	WMVJ-LP	22=>29		Ruidoso	K58AH	58=>20
IL	Elgin	W29BN	29=>57	OH	Dayton	W68BP	68=>61
KS	Manhattan	K31BW	31=>46	OK	Erick	K66AQ	66=>21
LA	New Orleans	WLPN-LP	61=>17	PA	Willow Grove	WELL-LP	8=>15
MI	Crystal Falls	WUPT-LP	49=>25	SC	Myrtle Beach	W61DI	61=>9
MS	Booneville	W53AF	53=>33	TX	Brownsville	KZAV-LP	20=>21
	Meridian	W59DE	59=>38		Laredo	KLDX-LP	57=>29
		W36BY	36=>38	WI	River Falls	W55AP	55=>47
		W34CH	34=>30				

LPTV Displacements Granted

AR	Bentonville	K17FH	67=>17	LA	New Orleans	K18FW	10=>18
CA	Lancaster	K50GI	26=>50	NV	Dayton	K13PD	13=>32
CO	Pleasant Vly.	K47CR	47=>22		Reno	KRRI-LP	25=>30
FL	Vero Beach	W03BJ	66=>3	OK	Lawton	K15DJ	15=>49
ID	Boise	K35GE	66=>35	SC	Anderson	W50CL	18=>50
	Coeur d'Alene	K20EM	20=>24	TX	La Vernia	K46GB	39=>46
	Kellogg	K64BD	64=>57	VA	Danville	W58DE	18=>58
	Soda Springs	K45GG	46=>45	WI	River Falls	W55AP	55=>19
IN	Evansville	WTSN-LP	63=>58				
LA	Alexandria	K36DS	36=>27				

LPTV Displacements On The Air

CA	Calexico	K36FO	36=>22	NM	Cimarron	K28GF	60=>28
	Sacramento	K21DP	22=>21		Sheridan	K45FM	69=>45
CO	Carbondale	K38FO	22=>38	NV	Hawthorne	K48GG	69=>48
	Glenwood Sps.	K42EV	65=>42			K30FS	63=>30
ID	Coolin	K13WR	13=>11	NY	Morris	WBPN-LP	4=>10
IN	Lafayette	W36AR	36=>57	OH	Toledo	W09CG	46=>9
MI	Rockford	WOHO-LP	59=>33	TN	Knoxville	WEZK-LP	34=>28
MN	Minneapolis	K58BS	58n=>58-	TX	Nashville	WGAP-LP	68=>26
					Laredo	K61GY	43=>61

Applications to change existing stations

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
CT	28z	W28AJ	Allingtown	3.5			
GA	27+	WAGA-DT	Atlanta	846	332		
GA	14+	WPXA	Rome	3890			
HI	2+	KHON	Honolulu	50			
IA	20-	KWKB	Iowa City	5000	441	41-43-29	91-21-10
ID	6z	KIVI	Nampa	56	856	43-45-21	116-05-54
LA	21z	KANC-LP	Baton Rouge	10		30-27-06	91-11-14
MD	47-	WMDT	Salisbury			39-30-07	75-44-01
NC	14-	WHKY-TV	Hickory	1285			
SD	21-	KNBN	Rapid City	500	211		

Applications to change construction permits

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
CA	54+	KIDN	Avalon	2290	959	34-13-37	118-03-58
CA	44+	KRPA	Rancho Palos Verdes	2660	321	33-21-11	118-21-03
IA	22-	KWWF	Waterloo	5000	610	42-18-59	91-50-45
IL	52+	WLS-DT	Chicago	153.6	514	41-52-44	87-38-10
MI	32z	W32BT	Mt. Pleasant	2.5			
PR	26z	WQTO	Ponce	1000			
UT	6z	KBCJ	Vernal	2	557	40-31-15	109-42-25
WI	52z	WWRS	Mayville		111		
WY	11+	KBEO	Jackson	22.1	331	43-27-40	110-45-06

Changes granted to construction permits

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
AZ	34+	KMCC	Lake Havasu City	513	-167	35-09-32	114-34-28
MT	9+	KBBJ	Havre	9	397	48-20-32	109-43-41
NY	45+	WABC-DT	New York		448	40-42-43	74-00-49
WI	52z	WWRS	Mayville	5000	202		

Changes granted to existing stations

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
FL	51z	WSCV	Ft. Lauderdale		300	25-58-47	80-11-46
GA	69z	WUPA	Atlanta	5000	338	33-44-41	84-21-36
KS	33z	KWCV	Wichita	2300	328	37-48-01	97-31-29
NB	13+	CBAFT-2	Edmundston	82.6			
NF	12z	CBNT-2	Placentia	18.3			
NF	13+	CBFNT	Port au Port	60			
NF	8z	CBYT-1	Stephenville	21.8			
NS	12z	CBHT-1	Liverpool	2.17			
TX	49+	KPXB	Conroe	5000	535	30-13-53	95-07-26
UT	24z	KAZG	Ogden	1514	1229	40-39-33	112-12-07

WVOZ-TV [48] Ponce, PR's application to reduce power was dismissed.

Class A status granted

AK	Anchorage	KYEX-LP	18	GA	Columbus	WCGT-LP	16
		KCFT-LP	20		Vidalia	W19CK	19
AK	Fairbanks	K13XD	13	NY	Rochester	WBGT-LP	40
AL	Athens	WTZT-LP	11		Southampton	WVVH-LP	50
AL	Dothan	WJJN-LP	5	OK	Woodward	KOMI-LP	24
AR	Nashville	KJEP-LP	23	TX	Bryan	KRHD-LP	34
AZ	Phoenix	KDRX-LP	48		C. Christi	KXPX-LP	14
DC	Washington	WZDC-LP	64				
FL	Tampa	WRMD-LP	57				

Technical changes on the air

St	Ch	Call	City	What happened
CA	10z	KXTV	Sacramento	decrease power 316=>314kw & increase tower height 595=>612m.
CA	48-	KSTS	San Jose	decrease power 4370=>2510kw, increase tower height 631=>688m, move about 2km northwest.
IL	22+	WMEC	Macomb	decrease power 24=>15.7kw & tower height 158=>131m, move about 7km southwest.
KY	67-	WAOM	Morehead	increase power 11=>5000kw & tower height 169=>440m; move 23mi. southwest.
MI	31+	WPXD	Ann Arbor	increase power 1230=>2880kw
MI	18+	WHTV	Jackson	increase power 8.91=>200kw, tower height 73=>274m, move about 25km northwest
MS	19+	WMAH-TV	Biloxi	decrease tower height 478=>474m & correct coordinates to 30-45-18/88-56-44
MS	12-	WMAE-TV	Booneville	decrease tower height 229=>226m
MS	2+	WMAB-TV	Mississippi State	decrease tower height 381=>379m & correct coordinates to 33-21-14/89-09-00
MS	18z	WMAV-TV	Oxford	correct coordinates to 34-17-28/89-42-21
NC	17-	WNCN	Goldsboro	increase tower height 480=>610m and move about 6km northwest.
NM	11-	KCHF	Santa Fe	increase power 263=>316kw, reduce tower height 618=>608m, move about a half-mile south.
UT	30z	KUWB	Ogden	decrease power 1660=>1486kw, increase tower height 1171=>1242m, move a tiny bit north

New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AL	67z	2820	325	WRJM-TV	Troy	32-03-37	85-57-02
AL	23-	890	266	WLDM	Tuscaloosa	33-03-15	87-32-57
AZ	41n	31.1		K41EM	Fortuna	32-40-19	114-20-09
CA	47n	17.7		K47FL	Fallbrook	33-24-00	117-11-25
IL	54+			WGEM-DT	Quincy		
LA	25+	10.8	295	WLTP-DT	Baton Rouge	30-22-22	91-12-16
MT	11+	9.12	631	KUFM-TV	Missoula	46-48-09	113-58-21
OH	17+	9.4		WFXI-LP	Masury	41-15-10	80-21-27
OR	30+			KPTV-DT	Portland		
PA	36+	50	411	WITF-DT	Harrisburg	40-20-44	76-52-07
TX	15z	3947	310	KXVA	Abilene	32-16-31	99-35-23
UT	25n	0.46		K24EM	Manti	39-19-23	111-46-23

Yes, it's K24EM on channel 25.

Call changes

St	City	Channel	Old call	New call
AL	Demopolis	28	W28BS	WJMY-LP
AL	Greensboro	3	W03BF	WDVZ-LP
CA	San Diego	29	K29DX	KSDX-LP
FL	Orlando	22	W22CE	WTOF-LP

St	City	Channel	Old call	New call
FL	Orlando	27	W27BB	WRCF-LP
HI	Honolulu	38	KAIE	KALO
ID	Sun Valley	5	new	KIDA
MN	International Falls	11	new	KRII
TX	Ballinger-Coleman	50	K50EI	KKCP-LP
TX	Corpus Christi	14	KXPX-LP	KXPX-CA
VA	Lynchburg	19	W19BC	WTLU-CA
VA	Staunton/Waynesboro	25	W25AZ	WAZM-LP
VA	Winchester	28	W28AZ	WFAZ-CA

Programming changes

Call	Location	Programming
WRJM [67]	Troy, AL	seen testing with ID bars. To be UPN eventually.
WLDM [23]	Tuscaloosa, AL	new, UPN parallel WABM [68].
WETU-LP [39]	Wetumpka, AL	from UPN to Pax due to WRJM.
K29CO	Green Vly., AZ	sold to religious organization
K17EP & KSWT [13]	Wellton & Yuma, AZ	TV Azteca
KIDN [54], KFWU [8], KTNC [42] & K23CZ	Avalon, Fort Bragg, Concord & Ukiah, CA	sold to TV Azteca
KJOI-LP [33]	Bakersfield, CA	ACN shopping
KUVI [45]	Bakersfield, CA	"UPN 45". NOT Univision.
KJKZ-LP [28]	Fresno, CA	Classic Arts Showcase (ARTS)
KJEO-LP [32]	Fresno, CA	AIN
KPMR [38]	Santa Barbara, CA	sold to Entravision; to be Univision?
KTSB-LP [43]	Santa Barbara, CA	"hse" Spanish home shopping
K10OH	Maricopa, CA	new, translator of KNXT [49] religious.
KMCF-LP [35]	Visalia, CA	hse ("Home Shopping Espanol")
KNXT [49]	Visalia, CA	religious, ARTS overnight.
K53BM, K61BO, K62AP, & K68BI	Alamogordo, Bayfield, Pagosa Sprs., & Sunetha, CO	to KASA [2], Fox
W14CI [24]	Fort Myers, FL	TV Azteca
WHOT [34]	Athens, GA	adds Fox Kids
WATL [36]	Atlanta, GA	drops Fox Kids
KJMH [26]	Burlington, IA	from Fox to WB.
W18BT	Alpena, MI	sold to TBN.
K36CK, K68FV, & K02ES	Alamogordo, Las Cruces & Silver City NM	TV Azteca
K58AZ	Nolan, NM	to KASA [2], Fox
K06EM	Roy, NM	sold to KOB [4], NBC
W65DS	Honea Path, SC	sold to WGGG [16], religious
14 YR-LP [33]	Dyersburg, TN	sold to WTCT [27] Marion, IL, TBN/relig.

KXVA [15]	Abilene, TX	new, Fox
KIDZ-LP [54]	Abilene, TX	to lose Fox to KXVA [15]. Maybe other KID- LPTVs too?
KAZH [57], KDBC [4], KXTX [39], KVVV-LP [53], KCCX-LP [50] & K55HW	Baytown, El Paso, Dallas, Houston, Corpus Christi, & Laredo, TX	TV Azteca

Forum & Other Stuff

Chip Kelley forwarded the information about new KXVA [15] Abilene, which appears in the North Texas Edition of *TV Guide*. Fox had been affiliated with several LPTVs in the area; presumably these LPTVs are now doing something else. Chip also reports WLDM [23] new to the air. That makes two stations & two LMAs operated by Sinclair in the Birmingham market - neither Chip nor myself thought the FCC allowed that! Except Tuscaloosa is technically a separate market from Birmingham...

Jeff Kadet noted an item in the *Macomb Sunday Journal* about WGEM-DT. This was news both to Jeff and to myself! He e-mailed WGEM's chief engineer, who replied that the station has in fact been on the air since July, with 1kw. Jeff can just barely tell the signal is present. Note that Harris, a major transmitter manufacturer, is located in Quincy. This would not be the first time that strange temporary operations have happened from Quincy, and it probably won't be the last.

Several Dxers noted powerful LPTV WDTA-LP [53] during a decent tropo opening in November. (I wasn't thinking & didn't bother trying to ID the strange signal on 53!) This station is listed as Columbus, but it is actually located in Atlanta. LPTVs can move around like that...

Dave Nieman notes WDTB-LP [39] Buffalo back on the air with religion. He also reports WIVB [4] has offered to buy WNEQ [23] and operate it as a commercial independent. This would require moving the non-commercial reservation from channel 23 to channel 17 - Buffalo's main PBS affiliate WNED operates on a channel that is not reserved.

Steven Scharff in Henderson, Nevada reports local channel 25 has changed calls to KTUD-LP. It's a UPN affiliate, and is finally on cable after many negotiations. Religious KYRK-LP [35] has also appeared with test transmissions.

Thanks to Dennis Smith for the California LPTV information. Also in California, XETV [6] Tijuana has begun a local newscast at 6am and 11pm. The Fox LPTVs in Bakersfield (KBFX-LP 58) and Santa Barbara (KKFX-LP 17) also have local news, at 10pm.

Nashville may be about to get its first DTV station. A new UHF antenna has appeared on WTVF [5]'s tower. No signals yet noted but I'm sure it's only a matter of time. I have had the opportunity to observe more DTV signals in the Atlanta area. (channels 10, 25, 37, and 39)

Note the new e-mail address and web URL above. Actually, these are redirects to the old ones - you can still use the old URL indefinitely. The old e-mail address will probably stop working in a few months. Too many spammers have stolen it, and I'm tired of wasting time downloading ads for casinos & pornography.

If you have a receiver capable of tuning the world between 30 and 50MHz, give it a spin. I've heard both African and New Zealand video carriers, along with various strange data signals, and almost contacted Malawi in southeast Africa on 50MHz in early November. Actually seeing video by F2 will be tough, but I'm sure one of our members will do it before the winter is over. Of course, we are also approaching the winter skip season. And those of us in the South can still look forward to winter tropo. Here's hoping everyone logs plenty of interesting December DX!

Here's hoping all our U.S. readers did get out and vote last month. Just think: the votes of the WTFDA membership could have decided the Presidency! (If we all lived in Florida...) I don't expect the new President, whoever he turns out to be, to have the clout to do anything drastic. Don't expect tough measures to speed the DTV rollout or anything like that. I'm most curious to find out what the changes in the makeup of Congress will do to the anti-LPFM bills.

FM NEWS

DECEMBER 2000

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<p>KEY TO ABBREVIATIONS: &: satellite programming AF: New frequency allocation accepted for filing for a new FM license AFA: American Family Association CC: call letter change CL: city of license change CX: a construction permit has been canceled C1, C2, etc.: a change in status to that FM license class DA: directional antenna DE: station has been deleted FC: format change GA: granted amendment to the table of FM allocations GE: granted extension of construction permit</p>	<p>GX: granted replacement of expired permit LC: license to cover filed (means station is ready to come on air) MC: multiple-city legal ID NC: no change yet on a reported change/permit ND: non-directional antenna NO: not on the air NS: new station granted NW: new station signs on OSA: one-step application granted for change PA: proposed amendment to change FM table of allocation PC: power change on the air for increase, "<" for decrease, when known)</p>	<p>PG: power change granted (">" for increase, "<" for decrease, when known) QC: frequency change occurred QG: frequency change granted RA: silent station returns to air RE: station requests extension on permit RX: station requests replacement of expired permit SG: slogan change or update SI: station is silent XA: dismissed amendment to FM allocations XC: transmitter site change occurred XG: transmitter site change granted</p>
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UNITED STATES

ALABAMA:

Birmingham: WYSF 94.5 PC>100 kW< 1014 ft, XC: 33-27-45
Florence: WXFL 96.1 PC> 20.5 kW, 781 ft.
Malbis: W214BN 90.7 NS-13w: KAWZ
Montgomery: WBAM 98.9 adds Steve & DC
Montgomery: WQKS 96.1 FC to classic hits "Alice"
Opp: W207BO 89.3 NS-19w: WJFM
Talladega: WTDR 92.7 CC (ex WEYY)

ALASKA:

Anchorage: KWHL 106.5 inc. to 79', DA, XC: 61-07-14 / 149-53-42
Anchorage: KFAT 92.9 inc. to 886', XG: 61-20-11 / 149-30-48
Houston: KQEZ 92.1 inc. to 886', XG: 61-20-11 / 149-30-48
Ketchikan: KGTW 106.7 PC>440w, C3, 2184 ft, XC: 55-21-39 / 131-47-43



ARIZONA:

Oraibi: KJKI 98.9 CC (ex KBDT)
Oro Valley: *NS 101.9 5 kW, 105 ft, DA
Oro Valley: KOAZ 97.5 PC< 3 kW, 243 ft.
Payson: KAZL 101.1 PG< 57 kW< 1237 ft.
Payson: KAJM 104.3 PG< 86 kW< 1950 ft.
Show Low: K215AJ 98.1 NS-25w: KTHQ
Springerville: KOAZ 101.7 FC to soft AC "Majik" (&)
Winslow: KFMR 95.1 inc. to 1466'

ARKANSAS:

Ashdown: KOWS 103.9 FC to country "True Country" (Texarkana) CC (ex KHSP) "Cows"
El Dorado: KMLK 101.5 CC (ex KHBX), LC
Fayetteville: KAYH 89.3 PC>6 kW, 380 ft.
Fort Smith: KAOW 88.9 PC> 1.5 kW
Little Rock: KABZ 103.7 CC (ex KSYG) "Radio 103-7"

Texarkana: KFYX 107.1 reported SI, then RA with country "The Fox" (CC ex KQIX)
Turrell: KKLW 94.7 CC (ex KSUD), FC to cont. Christian (&) (Memphis)

CALIFORNIA:

Apple Valley: KZXY 102.3 adds Rick Dees
Avalon: KISL 88.7 PC>200w, 20 ft.
Bishop: K217EE 91.3 NS-10w(h): WJFM
Bishop: K219FG 91.7 NS-10w: KCZO
Coalinga: KAZB 88.3 PG< 1.4 kW, 2352 ft, DA
Columbia: KDTZ 98.9 CC (ex KTDQ), FC to rhythm/oldies // KHZZ (Modesto)
Davis: KRRE 104.3 CC (ex KHZZ), FC to romantica (Sacramento)
Dunsmuir: KZRO 100.1 inc. to 387 ft.
Felton: KHIP 93.7 adds Mark & Brian

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HAPPY HOLIDAYS!

December 2000

California:

Fortuna: KWPT 100.3 CC (ex KQEX), FC to CHR "The Party" (Eureka)
Fort Bragg: KOZT 95.3 PC> 35 kW, 515 ft, XC: 39-24-24 / 123-44-04
Freedom: KPIG 107.5 PC> 5.4 kW, 338 ft.
Garberville: KMUD 91.1 PC> 5.5 kW (v), 2601 ft, DA, C1
Garden Grove: KMXN 94.3 CC (ex KIKF)
Gonzalez: KMBY 104.3 drops Mancow
Hollister: KCDU 93.5 adds Mark & Brian
Lompoc: KRQZ 91.5 LC
Los Angeles: KZLA 93.9 PC< 18.5 kW, 3136', DA
Lucerne Valley: KIXA 106.5 FC to oldies
Nevada City: KVMR 89.5 PC>1.75 kW, 1132 ft.
San Ardo: KBDH 91.7 LC
San Clemente: KWVE 107.9 PC<560w, 3689 ft, DA, XC: 33-42-40 / 117-31-54
San Jose: KSJS 90.5 PG> 1.5 kW, 472 ft, DA, XG: 37-12-33 / 121-46-30
San Jose: KEZR 106.5 PG< 42 kW, 583 ft, XG: 37-12-33 / 121-46-30
Shingle Sps: KCCL 101.9 CC (ex KRRE), FC to oldies "Kool 101.9"
Tehachapi: K216FJ 91.1 NS-10w: KCZO
Temecula: KTMK 94.5 PC<320w, 771 ft.
Victorville: KVFG 103.1 CC (ex KHDR), FC to country "K-Frog 103.1"

COLORADO:

Denver: KFMD 95.7 CC (ex KHIH)
Estes Park: KXUU 102.1 FC to urban (Denver)
Glenwood Sps: KDRH 91.9 FC to K-Love cont. Christian (&)
Grand Junction: KJOL 90.3 FC to K-Love cont. Christian (&)
Greeley: KGLL 96.1 FC to CHR "Kiss FM" adds Rick Dees (Fort Collins)
La Junta: KRLJ 89.1 NW, info/variety // KRCC
Longmont: KJCD 104.3 CC (ex KCKK) "CD 104.3"
Morrison: KWBI 91.1 FC to K-Love cont. Christian (&)
Pueblo: KCCY 96.9 PG< 40 kW
Sterling: KPMX 105.5 PC> 25 kW, 328 ft.
Telluride: KRYD 104.9 PC> 16 kW, C1, 1607 ft, XC: 37-59-57 / 107-57-42

CONNECTICUT:

Pawcatuck: WKCD 107.7 XC: 41-27-35 / 71-55-40
Torrington: WAPJ 88.9 PC<40w, 276 ft.

FLORIDA:

Apopka: WPYO 95.3 PC<2.9 kW, 472 ft, DA, XG: 28-34-27 / 81-27-46
Atlantic Bch: WFYV 104.5 FC to clas. rock
Baldwin: WXQL 105.7 reported SI
Beverly Hills: WGUL 106.3 QC from 97.1, PC> 12 kW, 469 ft, XC: 28-46-40 / 82-28-04
Cape Coral: WXKB 103.9 inc. to 1118 ft.
Clearwater: WSSR 95.7 PC< 90 kW
Crystal River: WHGN 91.9 CC (ex WXJC), FC to rel. and gospel "We Have Good News"
DeLand: WOCL 105.9 FC to modern rock "O-Rock" (Orlando)
Estero: WWWW 92.5 PC> 6.8 kW, C3, 620 ft, XC: 26-19-00 / 81-47-13, CL from LaBelle, FL
Fernandina Bch: WXGV 105.3 LC

Florida:

Five Points: WCJX 106.5 NW, WW1 rhythmic oldies (&) (Lake City)
Fort Myers Villas: WJPT 106.3 CC (ex WJST)
Green Cove Sps: WJBT 92.7 PC<2.6 kW, 505 ft, XC: 30-04-10 / 81-38-50
Holiday: WSUN 97.1 FC to modern rock "97X"
Holly Hill: WEAZ 88.1 NW, c. Christian // WPOZ
Inglis: WIFL 104.3 CC (ex WHGN), FC to talk and standards "Inglis, Florida"
Jacksonville: WMXQ 102.9 FC to 80's hits "The Point"
Lehigh Acres: WCKT 107.1 PG<23.5 kW, 722 ft.
Madison: WXHT 102.7 RA, testing
Micanopy: WSKY 97.3 adds ESPN sports (&)
Monticello: WVHT 105.7 PC< 2.9 kW, class A, 479 ft, XC: 30-31-44 / 83-59-17
Pensacola: WLJQ 100.7 CC (ex WWRO), FC to CHR "Q 100"
Port Charlotte: WKFF 100.1 CC (ex WOST)
Punta Rassa: WYPT 97.7 FC to 80's classic hits, CC (ex WCCL) "The Point"
Sarasota: WHPT 102.5 adds John Boy & Billy
St. Petersburg: WBBY 107.3 XC: 28-02-22 / 82-39-12
Tallahassee: WBZE 98.9 FC to hot AC "Star 98.9"
Trenton: WDJY 101.7 PG> 6 kW
Vero Beach: WCZR 101.7 adds dance 10p-6a on weekends

GEORGIA:

Athens: WFSH 104.7 CC (ex WALR), FC to cont. Christian (Atlanta)
Athens: WBTS 95.5 PC<74 kW 1115 ft, XG: 34-07-32 / 83-51-32
Atlanta: WVEE 103.3 dec. to 1017', XG: 33-45-33 / 84-20-05
Canton: WMXV 105.7 FC to hot AC "Mix 105.7" (Atlanta) CC (ex WGST)
Cochran: WVMG 96.7 adds DA
Dublin: W215BM 90.9 NS-13w, DA: WJFM
Gray: WRNC 96.5 PC> 8 kW, 517 ft, XC: 32-58-31 / 83-47-59
LaGrange: WALR 104.1 CC (ex WJZF)
Peachtree City: WLDA 96.7 CC (ex WMKJ) "Wild 96.7" (Atlanta), PC> 25 kW, 328 ft, DA, XC: 38-04-09 / 84-18-44

Ringgold: WMPZ 93.7 FC to R&B oldies "Z93.7"
Sylvester: WWSG 102.1 FC to black gospel (&)
Thomasville: WTLV 107.1 PC> 100 kW, XC: 30-35-12 / 84-14-11

Toccoa: WNGC 106.1 XC: 34-22-40 / 83-39-25, inc. to 981 ft.

HAWAII:

Hilo: KAPA 100.3 dec to class C2, PC< 35 kW, -256 ft.
Hilo: KPVS 95.9 PC> 39 kW, -256 ft.
Hilo: KHWI 92.7 PC< 2150w, -272 ft.
Honolulu: KAHK 105.9 NW, rock
Kahala'u: KLEO 106.1 inc. to 2995 ft, XC: 19-43-16 / 155-55-15
Kekaha: KSHK 103.3 NW, adult rock (&)
Poipu: KSRF 95.9 NW, Hawaiian "The Surf", PC<51 kW, 918 ft, DA
Waipahu: KKBM 102.7 CC (ex KKHN), SG "The Bomb" FC coming soon (Honolulu)

IDAHO:

Albion: K212DR 90.3 NS-23w(v): KAWZ-ID
 Ammon: K206CX 89.1 NS-41w(v): KAWZ
 Bonners Ferry: KIBX 92.1 LC
 Chubbuck: K206CY 88.1 NS-10w(v): KAWZ
 Coeur D'Alene: KCDA 103.1 PC> 9.4 kW, C1,
 XC: 47-34-14 / 117-04-55, CL: Post Falls, ID
 McCall: KDZY 98.3 PG< 3.9 kW, 1873 ft.
 XG: 44-45-54 / 116-11-54

ILLINOIS:

Champaign: WLRW 94.5 XC: 40-07-35 / 88-17-25
 Champaign: WIXY 100.3 XC: 40-00-45 / 88-02-29
 Chillicothe: WCNL 94.3 FC to 80's hits (ex WKSO)
 "Channel 94.3" (Peoria)
 Evanston: WOJO 105.1 adds Norteno
 Farmington: WJPL 96.5 FC, adds urban AC "Magic"
 to smooth jazz (Peoria)
 Godfrey: WLCA 89.9 PC<1150w, 413 ft, DA,
 XC: 38-57-15 / 90-12-00
 Granite City: WSSM 106.5 CC (ex WKXX), FC to
 smooth jazz (St. Louis) "Smooth Jazz"
 Jerseyville: WMLL 104.1 CC (ex WXTM), FC to 80's
 modern hits (St. Louis) "The Mall"
 Marshall: WMMC 105.9 PC< 3 kw< 328 ft.
 Peoria: WDQX 102.3 FC to classic hits CC (ex
 WFXF)
 Peoria: WZPW 92.3 CC (ex WBGE), FC to
 dance-CHR, "Power 92"
 Quincy: WPWQ-1 106.7 NS-28w
 Tower Hill: WRAN 98.3 PG> 3.9 kW, 420 ft,
 XG: 39-16-48 / 88-58-22
 Urbana: WKIO 92.5 PC> 16 kW, 410 ft,
 XC: 40-00-45 / 88-08-29

INDIANA:

Clarksville: WYBL 93.1 adds John Boy & Billy
 Edinburgh: WYGB102.9 NW, country "Korn Country"
 Greenwood: WBKS 106.7 PG> 6 kW, 279 ft, DA,
 XG: 39-46-32 / 86-09-10
 Hanna: *NS 89.9 25 kW, 190 ft. CSN Intl.
 Hardinsburg: WKLO 96.9 CC (ex WBRO)
 Howe: WQKO 91.9 PC> 6 kW, 328 ft, DA,
 XC: 41-38-47 / 85-21-16
 Huntington: WEXI 102.9 FC to rhythmic oldies
 Jerseyville: WXTM104.1 FC to 80's hits, adds Steve
 & Brian (St. Louis)
 Kentland: WZRK 101.7 LC
 Knoxville: WKAY105.3 CC (ex WBDW)
 Loogootee: W208AZ NS-10w: WJFM
 Madison: W216BU 91.1 NS-10w: WJFM
 Marengo: WBRO 89.9 LC
 New Haven: WJFX 107.9 PC> 3.2 kW, 453', DA
 Tell City: WTCJ 106.7 LC

IOWA:

Atlantic: KSWI 95.7 LC
 Boone: KMGQ 98.3 FC to classic hits "Magic
 98.3" (Des Moines)
 Cedar Rapids: KZIA 102.9 inc. to 951 ft.
 Mt. Pleasant: KAYP 89.9 NW, AFA cont. Christian
 (&)
 Northwood: KYTC 102.7 PC> 25 kW, 308 ft, C3
 Ottumwa: KTWB 92.7 PC> 50 kW, 318 ft,
 XC: 41-01-29 / 92-28-09

KANSAS:

Arkansas City: KACY 102.5 CC (ex KLPQ), FC to
 rock "The Rock"
 Cawker City: KDZY 96.3 FC to oldies (&)
 Clay Center: KCXY 100.9 PC> 25kW, 276 ft,
 XC: 39-29-14 / 97-07-35
 Goodland: KKCI 102.5 FC to JRN oldies (&)
 Hugton: KFXK 106.7 FC to oldies (&)
 Kansas City: KUDL 98.1 PC> 100 kW (cir)
 Leoti: KSKZ 99.9 FC to ABC hot AC (&)
 Liberal: KSLS 101.5 FC to WW1 hot country (&)
 Lindsborg: K210GZ 88.1 NS-250w: WJFM
 Medicine Lodge: K210DI 89.9 NS-99w: WJFM
 Newton: KMXW 92.3 CC (ex KOEZ) "Mix 92.3"
 Pratt: K201HA 88.1 NS-99w: WJFM
 Winfield: KSOK 95.9 CC (ex KAZY)

KENTUCKY:

Calvert City: WCCK 95.7 FC to classic country (&)
 Harrodsburg: WJMM 99.3 dec. to 476 ft, XC: 37-51-
 55 / 84-37-37
 McDaniels: WBFI 91.5 inc. to 328 ft.
 Madisonville: WYMW 105.9 PC> 2350w
 Midway: WBTF 107.9 adds Doug Banks
 Mt. Sterling: WMKJ 105.5 CC (ex WMST) "Majic
 105"

LOUISIANA:

Bastrop: KAXV 91.9 PC> 12 kW, C3, 456 ft.
 Blanchard: KDKS 102.1 CC (ex KRVQ), FC to urban
 (Shreveport)
 DeRidder: KAOX 101.7 CC (ex KEAZ), reported SI
 (expected back on soon, on 97.7)
 Donaldsonville: KKAY 104.9 PG> 6 kW, 479 ft
 XG: 30-05-57 / 91-00-13
 Farmville: KWJM 92.7 FC to ABC - AC (&)
 Ferriday: W218BT 91.5 NS-55w: WJFM
 Franklinton: W216BV 91.1 NS-38w: WJFM
 Haughton: KBTT 103.7 CC (ex KDKS), FC to hip-
 hop (Shreveport)
 Jackson: WUXN 104.5 CC (ex WBJJ), "X104.5"
 Kenner: WKZN 105.3 CC (ex WLTS) "The Zone"
 Mansura: KZLG 95.9 dec. to 321 ft.
 Many: KWLV 107.1 adds Nashville Nights

MAINE:

Auburn: WMEK 99.9 CC (ex WMVX) "Maine's
 Kiss FM" (Portland)
 Boothbay Hbr: WCME 96.7 FC to oldies // WABK
 Fairfield: WCTB 93.5 FC to a/c (Augusta)
 Madison: WIGY 97.5 FC to soft AC // WKCG
 Skowhegan: WHQO 107.9 reported SI, new format
 expected soon
 Topsham: WCLZ 95.5 FC to sports // WJAE

**MARYLAND:**

Hagerstown: WAYZ 104.7 FC to country

MASSACHUSETTS:

Athol: WCAT 99.9 FC oldies "Oldies 99"
 Lowell: WKLB 99.5 PC>27 kW, 653 ft.
 Northampton: WLZX 99.3 CC (ex WHMP), FC to
 rock "The Lazer" (Springfield)
 Winchendon: WINQ 97.7 PC<1750w, 433 ft,
 XC: 42-42-09 / 72-02-18
 Woods Hole: WCAI 90.1 NW, news/info // WNAN
 Worcester: WBPR 91.9 PC<760w, 305', DA,
 XC: 42-15-15 / 71-57-36
 Worcester: WORC 98.9 XC: 42-02-11 / 71-59-22

MICHIGAN:

Ann Arbor: WWWW 102.9 CC (ex WIQB), FC to
 country "W4 country"
 Detroit: WLLC 106.7 CC (ex WWWW) "Alice"
 Gaylord: WBLW 88.1 LC
 Grand Rapids: WBFX 101.3 CC (ex WCUZ), FC to
 classic rock "The Fox"
 Hamtramck: W206BI 89.1 NS-10w, DA: WGTE
 Lakeview: WSCG 106.3 CC (ex WPLB)
 Lansing: WLNZ 89.7 PC>420w(v), XC: 42-44-15
 / 84-33-12
 Manistee: WMTE 101.5 CC (ex WXYQ) "Mainstee
 MI"
 Owosso: WRSR 103.9 FC to classic rock "The
 Fox" (Flint)
 Petoskey: WKLZ 98.9 dec. to 800 ft.
 Rose Twp: WMSD 90.9 LC
 Traverse City: WICA 91.5 NW, info & talk

MINNESOTA:

Alexandria: KXRZ 99.3 XC: inc. to 279 ft.
 Deer River: KBAJ 105.5 FC to classic rock // KQDS
 Int'l Falls: KXBR 91.9 LC
 Little Falls: KFML 94.1 PC> 6kW, XC: 46-00-15 /
 94-19-40
 St Charles: KLCX 107.7 FC to oldies (&)
 St. Peter: KRBI 105.5 FC to 80's classic hits,
 PC>25 kW, 230 ft, XC: 44-19-42 / 92-32-38
 Sauk Center: KMSR 94.3 reported SI
 Sauk Rapids: WHMH 101.7 PC> 50 kW, 476 ft,
 XC: 45-30-02 / 94-14-31
 Staples: KSKK 94.7 PC>50 kW, 469 ft,
 XC: 46-33-08 / 94-39-03

**MISSISSIPPI:**

Byhalia: WKVF 94.9 CC (ex WYLF) "K-Love"
 Fayette: WTYJ 97.7 PC< 2.5 kW, 515 ft.
 Gulfport: WUJM 96.7 FC to 80's classic hits
 Lumberton: WLNK 95.3 adds Bob & Sheri
 McComb: WAQL 90.5 PG<2750w, 390 ft.
 Philadelphia: W218BS 91.5 NS-38w: WJFM
 Potts Camp: WCNA 95.9 FC to clas. rock (&)
 Water Valley: WTNM 105.5 PG< 4.7 kW, 371 ft.

MISSOURI:

Florissant: KFTK 97.1 FC to talk "FM Talk 97.1"
 (St. Louis) also Steve & DC // KIHT, adds Bob &
 Sheri CC (ex KXOK), "FM Talk"
 Kansas City: KCUR 89.3 FC to info / classical
 Kennett: KTMO 98.9 PG> 51 kW, C1, 1296 ft,
 DA, XG: 35-28-03 / 90-11-23, CL: Munford, TN
 Kirksville: KHGN 90.7 PC> 100 kW, C1, 469 ft,
 XC: 40-13-46 / 93-58-16
 Mexico: KWWR 95.7 PC< 91 kW, 1181 ft.
 Palmyra: KICK 97.9 PC<43 kW, 531 ft, XC: 39-
 45-26 / 91-29-58
 St. Louis: KSD 93.7 FC to country "The Bull"
 St. Genevieve: KPNT 105.7 adds Howard Stern
 Vienna: KNLN 90.9 LC

MONTANA:

Baker: KJJM 100.5 PG> 7.4 kW, 610 ft.
 Billings: KZRV 107.5 CC (ex KULU), NW, 80's
 hits "The River"
 Lewiston: *NS 91.1 4 kW, 1879 ft.
 Livingston: KXLB 100.7 LC
 Pryor: KPGB 89.3 NW, ethnic, religion

NEBRASKA:

Lincoln: KBBK 107.3 CC (ex KEZG), FC to hot
 AC "B 107.3"
 McCook: KKKU 98.5 CC (ex KJKI) "K-Rock 98.5"
 Omaha: KSSO 94.1 CC (ex WOW) "Kiss
 Country"
 Ralston: KMLV 88.1 PG> 6 kW (v), 430 ft,
 XG: 41-18-40 / 96-01-37

NEVADA:

Henderson: K216FH 91.1 NS-9w(v): KAWZ
 Lund: KWPR 88.7 CC (ex KWPS) NW, info
 and classical // KNPR

NEW HAMPSHIRE:

Laconia: WLNH 98.3 PG> 15.5 kW, 407 ft, C3,
 XG: 43-35-46 / 71-29-55
 Lancaster: WXXS 102.3 PC> 1.5 kW, 964 ft, C3,

NEW JERSEY:

Egg Harbor Twp: WXGN 90.5 LC
 Vineland: WVLV 92.1 PG> 6 kW

NEW MEXICO:

Alamogordo: KUPR 91.7 LC
 Carlsbad: KATK 92.1 PC> 6 kW
 Hobbs: KLMA 96.5 PG> 25 kW, 328 ft, C3,
 XG: 37-40-08 / 103-07-00
 Rio Rancho: KQEO 101.7 CC (ex KZKL)
 Las Vegas: KMDZ 96.7 NW, WW1 rhythmic oldies
 (&)
 Santa Fe: KCHQ 105.1 FC to 80's hits (Albq.)

NEW YORK:

Arlington: WRRB 96.9 PC<310w, 1006 ft.
 Auburn: WHCD 106.9 FC to urban "Power 106.9"
 (Syracuse)
 Bath: WVIN 98.3 PC> 4.5 kW, 367 ft.
 Cape Vincent: WBDR 102.7 PC> 6 kW
 Elmira: WCIH 90.3 PG< 4 kW, 525 ft.
 Homell: WCKR 92.1 PG>2550w, 508 ft.
 Hudson: WTHK 93.5 FC to WW1 oldies "Cruisin"
 (&)
 Lakewood: *NS 106.9 reported on testing

New York:

Newport Village: WBGK 99.7 FC to Real Country // WLFH (&) (Utica)
 New York: WNYE 91.5 PC> 18 kW
 Phoenix: WRDS 102.1 FC to soft AC "Sunny 102"
 Remsen: WRFM 93.5 PC<1150w, 748 ft, XC: 43-20-44 / 75-15-00
 Saranac Lake: WYZY 106.3 CC (ex WSLK)
 Syracuse: WNTQ 93.1 dec. to 659 ft, XC: 42-56-48 / 76-01-28
 Waterloo: WNYR 98.5 PC> 3.2 kW, 446 ft.
 Wethersfield: WNSA 107.7 CC (ex WNUC), FC to Fox - sports (&) "The Sports Authority"

NORTH CAROLINA:

Belhaven: WANJ 101.1 FC to rock // WXQR
 Boone: WASU 90.5 PC<220w, 62 ft., XC: 36-12-48 / 81-41-10
 Grifton: WXNR 99.5 adds Howard Stern
 Jacksonville: WQSL 92.3 FC to dance-CHR
 Winston: WRNS 95.1 inc. to 1506 ft.
 Norlina: *NS 90.5 270w, 167 ft.
 Semora: WPXX 106.7 FC to cont. Christian "K-Love" (&)

NORTH DAKOTA:

Bismarck: K216FK 91.1 NS-13w: KCZO
 Minot: KZPR 105.3 FC to classic rock "The Fox"

W E L C O M E T O
98.5 WNCX
 Cleveland's Classic Rock
 W W W N C X C O M

OHIO:

Beach City: WOFN 88.7 NW, Oasis gospel & religion (Canton) (&)
 Beavercreek: WXEG 103.9 PG> 2.9 kW, 479 ft, XC: 39-43-19 / 84-12-36
 Cleveland: WZAK 93.1 FC to urban AC (retains Tom Joyner)
 Cleveland: WNCX 98.5 FC to classic rock
 Dayton: WMMX 107.7 PG<28 kW< 656 ft, XC: 39-43-19 / 84-12-36
 Hubbard: WBTJ 101.9 FC to standards // WNIO
 Lorain: WHK 104.9 CC (ex WAKS), FC to classical (Cleveland)
 McArthur: WYRO 98.7 PG< 4.5 kW, 380 ft, XC: 39-09-14 / 92-35-55
 Niles: WBBG 106.1 CC (ex WNCN)
 Piqua: WDPT 95.7 CC (ex WCLR), FC to 80's hits "Point" (Dayton)
 Salem: WQXK 105.1 XC: 40-53-09 / 80-49-55
 Uhrichsville: WTUZ 99.9 PC> 5.3 kW, 348 ft, XC: 40-26-19 / 81-26-01
 Xenia: WDTP 95.3 CC (ex WZLR), FC to 80's hits // WDPT (Dayton)
 Youngstown: WNCN 93.3 CC (ex WBBG) "CD 93.3"

OKLAHOMA:

Chickasha: KWCO 105.5 FC to Real Country (&)
 Comanche: KDDQ 105.3 QC from 97.1, PG> 6 kW, 296 ft, DA
 Durant: KAYC 91.1 PC> 500w
 Enid: KNID 99.7 CC (ex KXLS)

OKLAHOMA:

Ketchum: KGND 107.5 PG> 100 kW, 981 ft, XC: 36-46-13 / 95-27-07, C1
 Okarche: KTUZ 106.7 RA with Regional Mexican (&) (OKC) QC from 106.9, CL from Clinton, OK, PC< 13 kW, 964 ft, XC: 35-36-49 / 97-52-19
 Seminole: *NS 89.1 500w(v), 141 ft. AFA
 Woodward: KAZY 95.9 CC (ex KMPQ)

OREGON:

Coos Bay: KYSG 106.5 PG> 15 kW, C2, 902 ft XC: 43-27-49 / 124-05-44
 Depoe Bay: KDEP 105.5 PC> 3.6 kW, 882 ft, XC: 44-45-24 / 124-02-50
 Klamath Falls: KKRB 106.9 dec. to 646 ft, XC: 42-13-24 / 121-49-02
 Lakeview: KOAP 88.7 LC
 Milton-Freewater: KLRG 88.5 PC<7.4 kW, 823 ft.
 Newport: KNCU 92.7 CC (ex KBGX) "U92"
 Reedsport: KJMX 99.5 PC> 11 kW, 400 ft.
 Reedsport: KSYD 92.1 PG<300w(h), 358 ft, XC: 43-39-26 / 124-11-06
 Sisters: KPXA 104.1 PG> 40 kW, C2, 544 ft, XC: 44-04-40 / 121-19-49
 Talent: K209CP 89.7 NS-10w: KXLV
 The Dalles: KMCQ 104.5 XC: 45-42-44 / 121-06-51

PENNSYLVANIA:

Bedford: WBVE 107.5 CC (ex WWCW) "B-Rock"
 Cambridge Sps: WXXO 104.5 CC (ex WAQM)
 Ellwood City: WJST 92.1 CC (ex WKST) "Star 92"
 Ephrata: WRTL 90.7 LC
 Harrisburg: WHKF 99.3 CC (ex WWKL), FC to CHR "Kiss FM" briefly, then FC to oldies // AM (CHR change put on hold)
 Mansfield: WNBQ 92.3 PG> 1.6 kW
 Mercer: WWIZ 103.9 FC to oldies (&)
 Mill Hall: WLTS 98.7 CC (ex WZRZ), FC to oldies "The Hunter" (Williamsport)
 Philadelphia: WXTU 92.5 PG<15 kW, 909 ft, ND
 Philadelphia: WPEB 88.1 dec to 49 ft, XC: 39-57-33 / 75-12-13
 Philadelphia: WWDB 96.5 FC to 80's hits "The Point"
 Pittsburgh: WKST 96.1 CC (ex WPHH), FC to CHR-dance "Kiss FM"
 Plainview: *NS 93.9 6 kW, 253 ft.
 Red Lion: WSOX 96.1 PG< 13.5 kW, 951 ft, DA, XC: 39-54-16 / 76-34-48
 Riverside: WLGL 92.3 PG> 930w
 Salladasburg: WBYL 95.5 CC (ex WMYL), FC to country (Williamsport) "Bill 95.5"
 Trout Run: *NS 90.1 350w, 295 ft.
 Union City: WCTL 106.3 XC: 42-00-03 / 72-52-33
 Waynesboro: WWMD 101.5 FC to news/talk and sports // WCBG-AM, then FC to CHR "Magic 101.5" (Hagerstown)

RHODE ISLAND:

Block Island: WCRI 95.9 inc. to 249 ft, XC: 39-46-32 / 86-09-10
 Block Island: WADK 99.3 goes ND

SOUTH CAROLINA:

Beaufort: WAGP 88.7 PC> 25 kW, C3, DA, XC: 32-24-02 / 80-44-23
 Clinton: W201CZ 88.1 NS-27w: WJFM

South Carolina:

Ladson: WJNI 106.3 PG> 6 kW, 328 ft, DA
 McClellanville: WVBZ 98.9 FC to urban "Hot 98.9", adds Doug Banks (Charleston)
 Moncks Corner: WCOO 105.3 PC> 50 kW, C2, 436', XC: 32-39-57 / 80-03-11
 Murrell's Inlet: WYEZ 94.5 CC (ex WJYR), FC to easy listening // WEZV
 Myrtle Beach: WMYB 92.1 CC (ex WJYR)
 N. Myrtle Beach: WEZV 105.9 CC (ex WNMB) "Easy 105.9"
 Parris Is: WGZO 103.1 FC to dance-CHR
 Socastee: WJYR 99.5 CC (ex WMYB)

SOUTH DAKOTA:

Aberdeen: K205ED 88.9 NS-250w(v): KAWZ
 Huron: K209EM 89.7 NS-250w: KLOV-FM
 Mina: K201HB 88.1 NS-250w(v): KAWZ
 Spearfish: KSLT 107.3 inc. to 1899 ft.
 Vermillion: K205EC 88.9 NS-250w: WJFM
 Yankton: WNAX 104.1 CC (ex KCLH)

TENNESSEE:

Benton: WOCE 93.1 FC to Ranchera (&) PC< 4 kW, 400 ft.
 Calhoun: WCLE 104.1 FC to a/c
 Cleveland: WALV 95.3 PC< 1050w, 784 ft.
 Colonial Hts: WRZK 105.9 FC to modern rock, PG> 6.6 kW, 1308 ft, DA
 Elizabethton: WUMC 90.5 NW, cont. Christian
 Elizabethton: WPJO 99.3 CC (ex WAEZ), FC to rhythmic oldies "Jo" (Tri-Cities)
 Goodlettsville: WRQQ 97.1 PC< 43 kW
 Jefferson City: WEZG 99.3 reported SI (Knoxville)
 Knoxville: WBON 104.5 CC (ex WQIX) "The Bone"
 Lenoir City: WKZX 93.5 CC (ex WLIL)
 Maynardville: WASJ 88.3 PG> 7.7 kW, 994 ft.
 Memphis: WMC 99.7 XC: 35-10-09 / 89-53-10
 Millington: WSRK 98.1 inc. to 869', XC: 35-09-16 / 89-49-20
 Mufreesboro: WRMX 96.3 PC< 38.5 kW, 1417 ft.
 Norris: WXXO 106.7 PC<1.1 kW, 751 ft, DA, XC: 36-07-12 / 83-55-30

**TEXAS:**

Amarillo: KQIZ 93.1 FC to dance-CHR "The Beat"
 Amarillo: KAEZ 105.7 PC> 43 kW, C2, 525 ft, XC: 35-17-33 / 101-50-48
 Ballinger: KKCEN-1103.1 NS-1.9 kW
 Bandera: KEEP 103.1 QC from 98.3
 Bastrop: KMHF 88.5 CC (ex KYCM)
 Beeville: KVFM 91.3 LC
 Big Sandy: KTAQ 90.7 CC (ex KBAU)
 Camp Wood: KAYG 99.1 LC
 Carthage: KTUX 98.9 adds Bob & Tom (Shreve.)
 Cleveland: KTHT 97.1 CC (ex KCTL), FC to dance-CHR "Houston" "Hot 97-1"

Texas:

Comfort: KCOR 95.1 CC (ex KRNH), FC to Spanish standards (San Antonio)
 Commerce: KEMM 103.3 reported SI
 Conroe: KHPT 106.9 FC to 80s classic hits "The Point" (Houston) CC (ex KZJZ, KKHT) (briefly changed calls to KZJZ)
 Corpus Christi: KMXR 93.9 FC to oldies "Oldies 93.9"
 Dallas: KBFB 97.9 FC to urban
 Decatur: KDKR 91.3 FC to religion "The Cause"
 Dumas: KDDD 95.3 PG> 6.6 kW, C3, 259 ft, XC: 35-51-51 / 101-55-44
 Fort Worth: KTCU 88.7 FC to oldies, classical, jazz, alternative
 Fort Worth: KDGE 102.1 CC (ex KTXQ), FC to modern rock "The Edge"
 Gainesville: KTXQ 94.5 CC (ex KDGE), FC to rhythmic oldies (Dallas)
 Gonzalez: KQQT 106.3 CC (ex KCTI)
 Hemphill: KTHP 103.9 NW, country (December)
 Hondo: KRBH 105.9 QC from 98.5, PC>6 kW, 328 ft, XC: 29-18-48 / 99-16-03, reported SI
 Idalou: KRBL 105.7 FC to classic cntry (&)
 Jourdan: KBUC 95.7 CC (ex KBOP), NW, ABC Real Country (&)
 Kerrville: KRNH 92.3 CC (ex KITE), FC to Real Country (&)
 Kerrville: KBAB 88.7 PC>5 kW, C3, 384 ft.
 Lampassas: KHHL 98.9 CC (ex KJFK), FC to classic hits (Austin)
 Llano: *NS 96.3, 459 ft, DA
 Midland: KCRS 103.3 FC to CHR "Kiss 103.3"
 Midland: K219FH 91.7 NS-150w: WJFM
 Odessa: KMRK 96.1 FC to dance-CHR "Wild 96.1"
 Palestine: KYFP 90.1 NW, BBN religion (&)
 Pearsall: KITE 95.3 CC (ex KVWG)
 Pt. Comfort: KAJI 94.1 inc. to 328 ft.
 Portland: KSGR 91.1 NW, religion "The Cause", XC: 27-59-49 / 97-14-46
 Refugio: KTKY 106.1 PG> 50 kW, C2, 446 ft.
 San Antonio: KTFM 102.7 dec to 663 ft, XC: 29-25-06 / 98-29-01
 San Saba: KBAL 106.1 QC from 97.1
 Schertz: KBBT 98.5 CC (ex KBUC), QC from 98.3, FC to urban "The Beat" (San Antonio), CL from Pleasanton, TX, PC> 97 kW, C1, 991 ft, XC: 29-31-25 / 98-43-25
 Slisbee: KLOI 101.7 PC> 11 kW, C3, 472 ft, XC: 30-24-05 / 94-03-21
 Tyler: KKUS 104.1 FC to classic country "Ranch"
 Wake Village: KHTA 92.5 PG> 25 kW, NW, religion // KHCB-FM (Texarkana)
 Wichita Falls: KQXC 103.9 QC from 102.5, FC to dance-CHR "Hot 103.9"

UTAH:

Ogden: KWKD-3 102.3 NS-5.6 kW (v), DA
 Randolph: KWKD 102.3 NW, rock "The Blaze" (Salt Lake City), PC> 89 kW, class C, 207 ft, XC: 40-52-16 / 110-59-43
 Salt Lake City: KCPW 88.3 PC> 2350w, -200 ft, DA
 Salt Lake City: KISN 97.1 FC to 80's hits

KISN

... 97FM

VERMONT:

Berlin: WWFY 100.9 FC to country "Froggy", C3, 5.2 kW, 718', XC: 44-07-38 / 72-28-48, CL change from Middlebury, VT
 Danville: WDOT 95.7 PC< 2.4 kW, 154 ft.
 Hartford: WWOD 104.3 FC to ESPN sports // WTSV (&) (Hanover) CC (ex WGLV)
 Putney: WCMK 91.9 CC (ex WCKP)
 Warren: WDEV 96.1 PC> 140w, C3, 2296 ft, XC: 44-07-37 / 72-55-43
 Wilmington: WWAY 100.7 CC (ex WMTT), FC to classic rock // WEXP (Brattleboro)
 Woodstock: WGLV 91.7 CC (ex WCMK) "God Loves The Valley"

VIRGINIA:

Alberta: WAQD 103.1 PG> 2.2 kW, 535 ft.
 Dilwyn: WBNN 105.3 LC
 Ettrick: WJZV 93.1 NW, Christmas music "Santa" (Richmond) then debuted with smooth jazz
 Farmville: WLXC 91.3 QC from 90.1, class A, PC> 150w, 69', XC: 37-17-50 / 78-23-42
 Hampton: WHOV 88.1 adds Doug Banks
 Jonesville: WJNV 99.1 XC: 36-42-05 / 83-10-14
 Martinsville: W209BQ 89.7 NS-10w: WRXT
 Mt. Jackson: WSIG 96.9 PC> 5 kW, 72 ft, XC: 38-41-10 / 78-49-29
 Powhatan: WBBT 107.3 FC to rhythmic AC (Richmond) (expands "Dance Hits" format to cover 70's, 80's, & 90's)
 Rural Retreat: W263AN 100.5 NS-13: WHCB
 Woodstock: WAZR 93.7 PG< 8.5 kW, 420 ft, ND, XC: 38-37-04 / 78-42-39

WASHINGTON:

Enumclaw: K209EI 89.7 NS-62w, DA: KACS
 Moses Creek: KXXA 103.3 CC (ex KVFY), FC to oldies (&) "KXA"
 Opportunity: KNFR 96.1 PG> 64 kW, 2417 ft, XC: 47-34-14 / 117-04-55
 Pasco: KEYW 98.3 PC>12.5 kW, 997 ft.
 Seattle: KMBX 95.7 FC to rhythmic oldies (dance hits of the 70's, 80's, and 90's)
 Shelton: K209EH 89.7 NS-125w(v), DA: KAWZ
 Vancouver: KBET105.9 CC (ex KKLQ)
 Walla Walla: KUJ 99.1 PC> 29 kW, 623 ft.

WEST VIRGINIA:

New Martinsville: WETZ 103.9 FC to country (&), PC< 2.5 kW, 502 ft, XC: 39-39-10 / 80-54-47
 Salem: WAJR 103.3 PC>1.8 kW, 587 ft.
 Wheeling: WKWK 97.3 FC to hot AC "Mix 97.3"
 Wheeling: WEGW 107.5 inc. to 882 ft.
 Williamstown: WVVV 96.9 NW, a/c

WISCONSIN:

Burlington: WBSD 89.1 PG<220w, 79', DA
 Chetek: WATQ 106.7 FC to classic country "Moose" (Eau Claire)
 Durand: WRDN 95.9 PG> 4.3 kW, 387 ft, XC: 44-39-30 / 91-48-18
 Evansville: WKPO 105.9 PC> 1.7 kW
 Forestville: WRKU 102.1 PC> 2.6 kW, 499 ft, DA
 Menomonee Falls: WFMR 98.3 PG<4.9 kW, 364 ft, XC: 43-02-49 / 87-58-52
 Mishicot: WZOR 94.7 PG> 25 kW, 328 ft, DA, C3, XC: 44-20-30 / 87-47-10
 Port Washington: WGLB 100.1, drops Imus
 Tomah: WXYM 96.1 CC (ex WUSK), FC to JRN a/c (&) "Mix 96.1"

WYOMING:

Albin: KKAU 107.3 PG<9.3 kW, 531 ft.
 Casper: KHOC 102.5 dec. to 1696 ft.
 Gillette: *NS 97.7 6 kW, 328 ft.
 Newcastle: KRKI 99.3 CC (ex KVAM)
 Pinedale: KUWX 90.9 LC
 Sundance: KUWD 91.5 NW, info/alt/class // KUWR

AMERICAN SAMOA:

Pago Pago: KKHJ 93.1 PG>425w, 1489 ft, C3

PUERTO RICO:

Aguadilla: WTPM 92.9 dec. to 1158', XC: 18-18-46 / 67-11-11
 Hormigueros: WRRH 106.1 PC<3 kW, 830 ft, XC: 18-04-39 / 67-05-41
 Quebradillas: WIDI 98.3 CC (ex WQQZ)
 San German: WNNV 91.7 PC> 5 kW (v), 364 ft, XC: 18-04-08 / 67-02-54



CANADA

ALBERTA:

Calgary: *NS 98.5 app here withdrawn
 Canmore: CJMT 106.5 PC>510w, XC

BRITISH COLUMBIA:

Abbotsford: CKMA 850 wants 107.1, 215w
 Burnaby: *NS 90.9 450w, Simon Fraser Campus Radio app
 Kamloops: *NS 92.5 community radio app
 Nanaimo: *NS 101.7 880w app
 Nanaimo: CKEG 1570 wants 106.9, 1.6 kW
 Vancouver: *NS 94.5 a variety of applications:
 CHUM, Ltd 54 kW smooth jazz, 50 kW "La Chaine Cullerelle", 46 kW classical, 37 kW smooth jazz, 46 kW urban, 37 kW urban, 37 kW smooth jazz, 46 kW ethnic, 46 kW smooth jazz (2 apps)
 Vancouver: *NS 90.9 1.2 kW app: aboriginal language station
 Whistler: *NS 96.9 586w, // CKKS-FM

MANITOBA:

Winkler: CJEL 93.5 NW, a/c, CC (NS)
 Winnipeg: CHVN 95.1 NW, cont. Christian
 Winnipeg: CFEQ 107.1 QC from 93.5, PG>920w

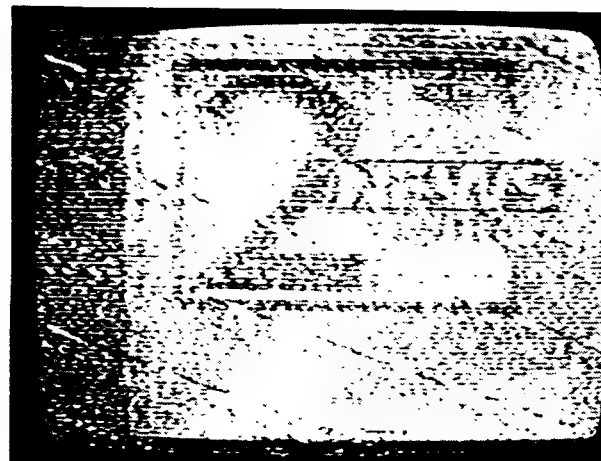
...continued on page 29→

PHOTO-NEWS

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December 2000

This month we feature more photos from Aaron Mitterling of Ft. Wayne, IN. Thanks, Aaron!
Equipment: 1983 RCA color TV, 1997 Orion color TV, 6 el. RS FM antenna (for FM and TV).



WLBZ-2 Bangor, ME
 850 mi Es seen 1/5/00
 @2214 ET



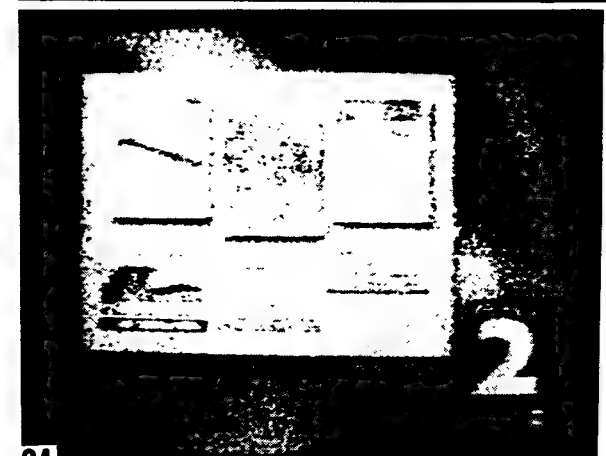
KBTB-4 Port Arthur, TX
 920 mi Es seen 5/24/00
 @1205 ET
 '4 Beaumont' lower right



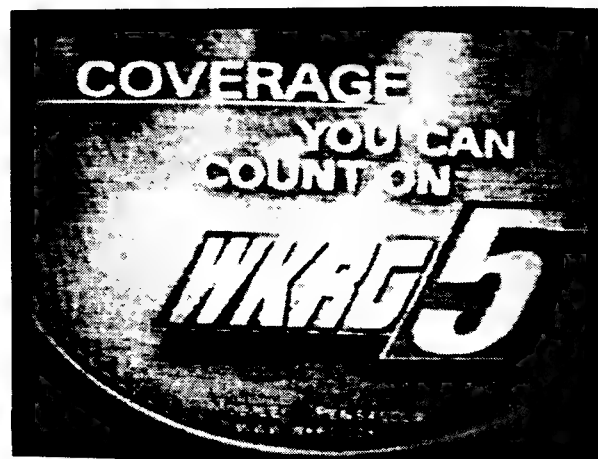
KPRC-2 Houston, TX
1000 mi Es seen 5/24/00
@1210 ET



KDTN-2 Denton, TX
870 mi Es seen 5/19/00
@1200 ET



KMID-2 Midland, TX
1100 mi Es seen 5/28/00
@1227 ET



WKRG-5 Mobile, AL
740 mi Es seen 6/8/00
@1047 ET



WPBT-2 Miami, FL
1100 mi Es seen 6/13/00
@1959 ET



KOA-5 Pueblo, CO
1040 mi Es seen 6/22/00
@1130 ET
5/30



A U. S. Television Chronology

(Reprinted and edited, with permission, from data assembled by Jeff Miller. This and other historic broadcast-related items can be found at <http://members.aol.com/jeff560/jeff.html>.)

(This timeline of U. S. television broadcasting history is a work in progress. If you can suggest any improvements in this list, please send them to: JeffM@sanctum.com.)

1875. George R. Carey of Boston proposes a television system in which every picture element is transmitted simultaneously, each over a separate circuit.

1880. The principle of scanning an image is proposed, by E. E. Sawyer in the U. S., Maurice Leblanc in France, and others (approximate date).

1900. The term television is coined by Constantin Perskyi at the International Electricity Congress, part of the 1900 Paris Exhibition.

1921. Charles Francis Jenkins incorporates the Jenkins Laboratories in Washington for the sole purpose of "developing radio movies to be broadcast for entertainment in the home."

May 19, 1922. Charles Francis Jenkins achieves his first successful laboratory transmission.

Oct. 3, 1922. Jenkins first public demonstration, using Navy station NOF in Anacostia. He transmitted pictures, rather than television in the modern sense, by a telephone wire from his Washington office to NOF and they were then broadcast by wireless back to the Post Office in Washington.

June 14, 1923. Jenkins' first true television demonstration, using NOF. (He continued to use NOF until 1925. By 1925, the NOF transmissions were on 1875 kHz, using 48 lines.)

Dec. 29, 1923. Dr. Vladimir Zworykin applies for a patent for an all-electronic television system.

June 13, 1925. Charles Francis Jenkins achieves the first synchronized transmission of pictures and sound, using 48 lines, and a mechanical system. A 10 minute film of a miniature windmill in motion is sent from Anacostia to Washington, D. C., a distance of 5 miles. The images were viewed by representatives of the Bureau of Standards, the Navy, the Commerce Department, and others. Jenkins called this "the first public demonstration of radiovision" (although Baird had publicly demonstrated a working television set at Selfridge's Department Store in London two months earlier).

1926. Orrin Dunlap, radio editor of the New York Times, describes television as "an inventor's will-o'-the-wisp."

Aug. 18, 1926. A weather map is televised for the first time, sent from NAA Arlington to the Weather Bureau Office in Washington.

Dec. 1926. WGY's TV station, video 37.8 meters, sound 755 kHz begins operation in Schenectady, NY.

Apr. 7, 1927. An image of Commerce Secretary Hoover is transmitted in the first successful long distance demonstration of television using Bell Telephone Co. experimental station 3XN, Whippany NJ. 3XN used 1575 kHz video, 1450 kHz audio, 185 synch. AT&T had not previously announced its television research, which was being conducted by Herbert E. Ives and others.

May 23, 1927. The first demonstration of television before a large audience, about 600 members of the American Institute of Electrical Engineers and the Institute of Radio Engineers, at the Bell Telephone Building in New York.

Sept. 7, 1927. Philo T. Farnsworth demonstrates TV in San Francisco. His transmission was electronic, unlike the mechanical TV of Bell Labs, Jenkins, and others.

Jan. 13, 1928. Ernst Alexanderson demonstrates the GE system and announces the beginning of television broadcasting. The pictures were received on sets with 1.5 square inch screens in the homes of Alexanderson and two board members in Schenectady. (This is considered by some the first home reception of television in the U. S.) The picture, with 48 lines at 16 frames per second, was transmitted over 2XAF on 37.8 meters and the sound was transmitted over WGY radio station.

Feb. 25, 1928. FRC grants first TV license to Jenkins Laboratories for W3XX at 1519 Connecticut Ave. NW Washington. On air 7/2/28 (?) 6.42 MHz, 48 lines.

Apr. 1928. W2XBS New York, RCA, begins in the laboratory.

May 11, 1928. The first regular schedule of TV programming is begun by General Electric in Schenectady. Programs are transmitted Tuesday, Thursday, and

Friday afternoons from 1:30 to 3:30 p.m., using 24 lines.

July 1928. These stations are on the air on this date, according to John Ross: W2XBU Beacon, NY (Harold E. Smith); W2XBU New York (RCA); W2XBU Bound Brook, NJ (RCA); W2XAV East Pittsburgh (Westinghouse); W4XA Whitehaven, TN; W6XC Los Angeles.

July 2, 1928. Charles F. Jenkins begins broadcasting the first regular telecasts designed to be received by the general public.

July 12, 1928. First televised tennis match.

July 21, 1928. Boston Post reports W1XAY Lexington MA has been licensed.

Aug. 13, 1928. WRNY Coytesville NJ becomes the first standard radio station to transmit a television image (the face of Mrs. John Geloso). It was a 1.5 square inch image enlarged by a magnifying glass to three inches so it could be viewed by 500 persons at Philosophy Hall at New York University. (WRNY broadcast sight and sound alternately rather than simultaneously. Viewers would first see the face of a performer and a few seconds later would hear the voice.) The performances were designed to lure the radio audience into buying "televisor" sets from Pilot.

Aug. 22, 1928. WGY simulcasts on radio and TV (WGY, 2XAF and 2XAD) Al Smith accepting the Democratic presidential nomination. This was the first over-the-air remote pickup and the first TV news event.

(This extensive chronicle of the beginnings of television will continue next month here in "TV TIME TUNNEL".)

Eastern TV-DX

December 2000

Matthew C. Sittel
15013 Eureux Circle
Bellevue, NE 68123
76255.2171@Compuserve.com
Deadline: last day of month

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Foreign reports are also welcome!

Three reports this time... it's been a quiet month for tropo overall, but some Es and F2 has been noted!

Saul Chernos, 57 Berkeley St., Toronto, ON M5A 2M5 Canada (416) 364-0725

9/30 tr (SB)	0700 WCWB-22 PA Pittsburgh, WB 22
2352 W48CH-48 PA Erie, TBN	0710 WATM-23 PA Altoona, ABC
2357 CIVO-30 PQ Hull, FF	0720 WPCB-40 PA Greensburg, Worship
10/1 tr (various)	10/23 tr (various)
0000 WFWH-LP-58 NY Buffalo (SB)	0030 WINM-63 IN Angola, g (TD)
0030 WETK-33 VT Burlington, VTV	0114 WYOU-22 PA Scranton (SB)
0034 CITY2-65 ON Ottawa, // CITY-57	0115 WNEP-16 PA Scranton
0045 CFMT2-60 ON Ottawa, // CFMT-47	0123 WBRE-28 PA Wilkes-Barre
0113 CHRO43-43 ON Ottawa, The New RO	0130 WSWB-38 PA Scranton, WB 38
0314 CIII2-2 ON Bancroft, Global (SN)	0138 W30AJ-30 NY Syracuse, Am.Store
0430 CFJP-35 PQ Montreal, TVQ TP (TD)	0147 WQXP-64 PA Scranton
10/4 tr (SB)	0157 WOLF-56 PA Hazleton, Fox 56
0015 W46BA-46 NY Jamestown, // WNED-17	0200 WVIA-44 PA Scranton, PBS
0030 WNEO-45 OH Alliance	0201 WENY-36 NY Elmira
10/12 tr (SB)	10/24 tr (TD)
0645 CBLN6-44 ON Normandale, // CBLT-5	0100 WBUF-LP-39 NY Buffalo, g

All DX here is either from downtown Toronto (TD) or going mobile at (1) the Scarborough Bluffs (SB), which overlook Lake Ontario in the city's southeast corner and (2) Snowball (SN), a hamlet that is next to the town of Aurora, on the city's northwest outskirts. I use a 5" Amtel mini-TV that plugs into my car's cigarette lighter. For VHF I use the set's whip. For UHF I use a Radio Shack 2-bay antenna. Not exactly elaborate. I have Dxed FM mobile since the mid-1980s, and this new TV setup offers a whole new dimension to my favourite high hills and cliffs. I have already had a couple of tropo openings where FM wasn't affected, but UHF was. So, when I go out, the odds of returning empty-handed are greatly reduced! So far I rate this a poor to moderate fall tropo season. A few openings for me, but nothing spectacular.

Doug Smith, W9WI, Pleasant View, TN

<http://personal.bellsouth.net/~w9wi>

10/29 tr	0203 WKOW-27 WI Madison, wx <1> 477
0135 WCCU-27 IL Urbana, ID w/WRSP 273	10/30 F2
0135 WYCC-20 IL Chicago, ID 380	0900 Z2-E2t ZIMBABWE? <2>

Notes:

- Locals WZTV-17 and WUXP-30 both off. Noted PBS on 16 (WUSI-IL, probably) and 30 (WTIU-IN, probably). Also, CCI on WJFB-66 (presumably WGBO, Joliet, IL) and an unID-17 with color bars, probably WAND-IL. Photo of WYCC-20 sent to Jeff Kruska.
- For no good reason, I decided to check the 50MHz ham radio band this morning. I was surprised to hear a strong Morse Code signal on 50.106 MHz, and even more surprised to hear it give the callsign 7Q7RM (Malawi, southeast Africa). I was utterly ASTONISHED when the African operator heard me calling! (I was using 10 watts to a 132-foot wire antenna...) Also heard, for the first time ever, an E2 video carrier just above 48.25MHz, along with some of its sidebands near 48.23MHz.

Eastern TV-DX, December, 2000

page 2

William Hepburn, Brampton, ON

xmj225@home.com

Equipment: Samsung SV-5000W World TV Signal VCR, Panasonic PC-29XF40R (29") TV, Icom IC-R100, Channel Master VHF and UHF horizontal yagis @ 47' w/10 dB RS VHF & 28 dB Anteco UHF amps. + 10 dB RS UHF amp @ receiver.

9/5 tr	0538 WAOM-67 KY Morehead, infomer 446
2217 WFBN-7 MI Traverse City 299	9/19 tr
9/6 tr	0018 WCFE-57 NY Plattsburgh, ID 423
0244 WLUK-11 WI Green Bay, Fox 411	0252 CFIGS-49 QC Hull 322
2306 WMP-22 MD Annapolis, MPT ID 360	"TQS Hull-Ot" slide TP
2309 WTMW-14 VA Arlington, AIN 356	10/22 Es
2342 WJZ-13 MD Baltimore, CBS 339	2309 KJRH-2 OK Tulsa 992
9/7 tr	2309 KFOR-4 OK Oklahoma City 1093
0359 WOLF-56 PA Hazleton, Fox 56 262	MUF ch. 6
ex-channel 38, Scranton	tr
0515 KRIN-32 IA Waterloo 617	2323 WFFT-55 IN Fort Wayne, Fox 328
2357 WAWW-LP-38 NY Rochester 115	10/25 GW
back on w/ASN	0859 WDTB-39 NY Buffalo, Daystar 79
9/13 tr	10/27 F2
2252 unID-18z TP	1204 Very weak unID ch. E2,
2254 WLKY-32 KY Louisville 483	baby monitor QRM
2258 WWWW-34 KY Campbellsville 517	10/29 tr
"WBKI Louisville" ID	0456 WFTS-58 IN Salem 485
9/14 tr	10/31 Es
0008 WDKY-56 KY Danville 480	1359 MUF ch. 3 East
0031 WAOM-67t KY Morehead	F2
0155 CBLT8-61 ON Kitchener 44	1503 tentative weak ch. E2 under
w/WEYI-25 Saginaw	baby mon. WQRM
0240 WXXA-23 NY Albany, Fox 23 TP 299	1658 probable ch. N21 weak sync bars
0243 WEWB-45 NY Schenectady, WB45 298	

A vast month-long desert of no DX 9/19-10/22, very untypical this time of year. F2 heating up late October with my first ever channel E2 video! Though signals way too weak to make anything out. Baby monitor QRM a real problem. Channel AU0 looks like the cleanest sub-A2 channel.

That's it for this year! I hope all of you have a safe and happy holiday season... and make sure you check for off-season skip around the holidays too! You never know what you might get. Support ETVDX!! 73s Matt.

FM NEWS PAGE 8 ...continued from page 22

December 2000

NEW BRUNSWICK:

Edmundston: CBAF4 100.3 PG> 20,935w.

NEWFOUNDLAND:

Corner Brook: *NS 91.1 3 kW, app to be // CBN-FM
Port-au-Port: CBAF16 94.3 PG> 1034w (as built)

ONTARIO:

Barrie: CHAY 93.1 FC to dance-CHR
Candy Mtn: *NS 93.1 4w, // CJOA-FM
Chapleau: *NS 92.7 1w app, // CHIM-FM
Elliott Lake: *NS 92.5 1w app, // CHIM-FM
Hamilton: CIWV 94.7 NW, smooth jazz "Wave 94.7"

Kapuskasing: CKAP 580 wants 100.9, 12 kW
Kingston: *NS 105.7 24 kW, to be rock
Kitchener: CHYM 96.7 wants PG> 100 kW
London: CHST 102.3 NW, hot AC "Star 102.3"
Midland: CICZ 104.1 PG> 9354w (as built)
New Liskeard: *NS 103.5 1w, app // CHIM-FM
Sault Ste Marie: *NS 97.3 50w app // CHIM-FM
Smiths Falls: CJET 92.3 QC from 630, now 9.3 kW
Timmins: *NS 93.1 3.6 kW app

Toronto: CILQ 107.1 FC to classic rock
Wawa: *NS 92.5 1w app // CHIM-FM

QUÉBEC:

La Baie: *NS 93.7 9w, // CBJ-FM
Ste-Anne-des-plaines: *NS 103.1 app withdrawn, technically unacceptable

SASKATCHEWAN:

Carrot River: *NS 88.1 wants 101.1, PG> 15w
Saskatoon: *NS 98.3 100 kW, to be rock

PIRATE WATCH:

• WHEATFIELD, NY. 104.9, playing mostly classic rock, no talking. Horizontally polarized, as they get out about 4 mi. on the car radio, but up to 20 with an FM antenna. (This is just north of Buffalo)

WESTERN TV-DX

December 2000

Dennis Park Smith, 3605 San Remo Drive, Santa Barbara, CA 93105-2523 (805)687-7803

This report is for October 2000. Southern-CA coastal tropo to San Diego/Tijuana up to 200 mi/ 315 km is falling off for the season, although there were some good periods now and then.

Sep 28-29: Very poor

Sep 29-Oct 1: [Out of town, in Wasco]

Oct 1 eve - 3 am: Poor+

Oct 3 eve-6: None Possible very high-elev layer boundary again

Oct 6 eve-9aft: [Out of town again, in Wasco]

Oct 9 aft-13 am: None Oct 10-11 stormy, some rain any layering was dispersed

Oct 13 aft-18: Good Layer return, lower perhaps.

Oct 19-20: Fair, deteriorating, layer rising?

Oct 21-23 am: None Cold wx front, some wind dispersing layers.

Oct 23 eve: Fair

Oct 24-25 am: Poor

Oct 26 am-31: None Cold wx fronts & rain Oct 25-29

Oct 1: KTSB-LP 43 Santa Barbara noted returned to air, with hse, Home Shopping Español DX noted in Wasco (Last time there was late Nov 1999): Noted Sep 28 & onward (new local since last Wasco visit. Upper right "35 KMCF" (KMCF-LP7) Programming 24 hours: hse, Home Shopping Español (Porterville?, 40 mi?) Noted Sep 29 & onward (regular): K100H Taft, new on air since last Wasco visit. Translator of strong local KNXT-49 Visalia. Consistent though very weak, very poor visual, no aural. Dual IDs with KNXT. Apx 40 mi. Sep 29: TBN (K56DZ Fresno) Fair Apx 90 mi. Starting Sep 29: Occasional tropo from KNSO Merced/Fresno "WB 51" Apx 150 mi. Oct 1: tropo from (KTXL Sacramento, Fox 40) Nice to see 40 Sacramento again, even if poor on this occasion. 215 mi. Near-local K40DQ Tulare (apx 80 mi) noted no longer on the air.

Best of DX to all. Dennis

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021-9355

October 2000	CDT/CST	
15 tr 0235 K61HD 61 IA Davenport		61
K62FU 62 IA Muscatine		88
0300 W58DA 58 IL Champaign		124
18 tr 0135 KSAX 42 MN		404
22 tr 0455 WEAO 49 OH		404
0500 WBNX 55 OH		404
0505 WQLN 54 PA		481
0525 WOAC 67 OH		417

29 tr 0025 WOAC 67 OH	417
0040 WOUB 20 OH	411
0045 WNPA 19 PA	517
0050 WOIO 19 OH	401
0105 WBNX 55 OH	404
0400 WPGH 53 PA	491
0845 WPBY 33 WV	428
0900 WPXK 54 TN Jellico	451
1000 WLFG 68 VA	487
30 tr 0730 WOAC 67 OH	417

Early AM Sunday on October 29 I saw 500 mi tropo to western PA and gradually shifting south into eastern TN before noon.

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO
tropotvdx@yahoo.com.mx
FTD is furthest tropo of the day.
TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60' .1800' ASL,
No re-logs in the same month, only tropo 500+ miles.

October 1, 2000	CDT/CST	
0100 KADN 15 LA Lafayette		586
0500 WVLA 33 LA Baton Rouge		633
0530 KDTX 58 TX Dallas		518
KXTX 39 TX Dallas		518
KFWD 52 TX Fort Worth		522
KSTR 49 TX Irving		518
KETK 56 TX Jacksonville		532
KLBP 24 LA Lafayette		567
KLTL 18 LA Lake Charles		548
0730 KLFT-LP 21 LA Lafayette		592
0800 K66FI 66 LA Opelousas		599
0830 K46DG 46 LA Lafayette		587
October 2		
0430 KLDL 55 TX Lake Dallas		544
KWHB 47 OK Tulsa		765
KTFK 41 OK Tulsa		766
KWBT 19 OK Tulsa		746
color and Stereo		

October 3		
0230 KPXD 68 TX Arlington		518
October 4		
0200 KFXX 51 TX Longview		557
0530 KLRT 16 AR Little Rock		782
KVTH 26 AR Hot Springs		739
KPXJ 21 LA Minden		640
0600 KASN 38 AR Pine Bluff		772

Western TV DX F. Garcia's report continues

0630	KLNLM-LP	42 TX	Lufkin	520
<u>October 8</u>				
1000	XH777	33 NL	Linares with XHMNL-28	80
<u>October 13</u>				
0300	WLAE	32 LA	New Orleans	694
	WGNO	26 LA	New Orleans	694
0630	WNOL	38 LA	New Orleans	694
	WPMI	15 AL	Mobile	838
0700	K69HD	69 LA	Church Point	586
	K49DE	49 LA	New Iberia	596
2200	XH777	13 NL	Juarez	4
<u>sign on today with XHAW-12</u>				

October 14		
1000 XH777 27 NL Allende with XHMNL-28	40	
October 19		
0830 KVHP 29 LA Lake Charles	530	

Worst month for tropo in more than four years.

Number of days with logs				
AL 1	AR 1	LA 9		
OK 3	TX 15			
Stations logged				
AL 1	AR 3	LA 14		
OK 3	TX 9			

Dave Pomeroy, 2321 SE Libra Ct., Topeka, Kansas 66605-3505

July 5, 2000		
1800 Es WESH-2 Daytona Beach, FL	1073	
WEDU-3 Tampa, FL	1088	
WJXT-4 Jacksonville, FL	1000	
UNID-3 Spanish Cuba?		
WRBL-3 Columbus, GA	764	
1830 WUFT-5 Gainesville, FL	990	
UNID-6 "Frazer Guy Show"		
2000 UNID-6 NBC		
2100 KPRC-2 Houston, TX	652	
2125 Tr KPTH-44 KMEG-14 Sioux City, IA		
July 6		
1830 KWBS-34* Eureka Springs, AK	200	
2130 KDLT-46 Sioux Falls, SD	314	
July 7		
0000 KDSD-16 Aberdeen, SD	459	
K57GT-57 Omaha, NE KPTM-42		
K22CP-22 Salina, KS KAKE-10		
KBDK-14 Hoisington, KS	174	
K20BU-20 Russell, KS		

July 8		
0100 Es KYW-3 Philadelphia, PA		
July 10		
2145 Es KXLF-4 Butte, MT	979	
2230 UNID-2 CBUT?		
KRTV-3 Great Falls, MT	979	
KTVQ-2 Billings, MT	801	
July 11 KIDK-3 Idaho Falls, ID	934	
July 12		
2200 XEPM-2 Ciudad Juarez, NL	791	
Tr Tulsa area very strong (17, 19, 23, 35, 41, 44, 47, 53)		

July 13		
0345 UNID-19 "WBIZ" Madisonville, KY		
KCPT-19 off		
0400 KDEB-27 KSPR-33 Springfield, MO		
KSNT-27 off		
0600 K66EK-66 Bartlesville, OK "KNCT-60 ID"		
KLOT-LP-25 Tulsa, OK		
K65GT-65* Tulsa, OK "America's Store"		
K36EA-36* Fayetteville, AR "KFDF"		
0730 K30AE-30 Alva, OK KETA-13		
K46AH-46 Medford, OK KETA-13		
1300 Es KTVK-3 Phoenix, AZ	994	
2130 Tr KNWB-23 KVBW-45 Minneapolis, MN	437	
WHLA-31 LaCrosse, WI	398	
KSDK-DT 35 St. Louis, MO	287	
July 14		
0300 K69GO-69 Tulsa, OK "3ABN"		
KPXD-68 Arlington, TX	450	
July 16		
1900 Es KTVK-3 Phoenix, AZ		
UNID-5 XEHE?		
July 18		
WFSB-3 Hartford, CT	1212	
July 21		
1700 WCBS-2 New York, NY	1149	
2215 WESH-2 Daytona Beach, FL		
WEDU-3 Tampa, FL		
July 26		
1925 KTVK-3 KPHO-5* Phoenix, AZ	994	
August 25, 2000		
1900 Tr WHRM-20 Wausau, WI	509	
WHLA-31 LaCrosse, WI	398	
WFXS-55* Wittenberg, WI	523	
2000 KMWB-23 KVBW-45 Minneapolis, MN	437	
KMSP-DT 26* Minneapolis, MN	435	
2045 KTTC-10 Rochester, MN	356	
2100 KSMQ-15 Austin, MN "QTV"	350	
KXLT-47 Rochester, MN	358	
K51CY-51* K53DI-53* K55FJ-55* K57EV-57*		
K58FC-56* K65FW-65* (all the above		
scrambled signals from Frost, MN)		
KPXM-41 St. Cloud, MN over KSHB-41	451	
WXOW-19 LaCrosse, WI over KCPT-19	398	
K60AK-60 K56AF-56 K64AH-64 Clarinda, IA		
K40CO-40* Storm Lake, IA KMEG-14		
UNID-35 Iowa Public Television		
2230 WGBD-66 Chicago, IL	466	
WFR-23 Freeport, IL	408	
KWKB-20 Iowa City, IA	293	
K33AA-33 Ottumwa, IA		
2355 WSNs-44 Chicago, IL	466	
September 4		
0750 KMEG-14 KPTH-44 KLDL-46		
0800 WVTU-18 Milwaukee, WI	491	
WHPN-57 Janesville, WI	421	
0900 WDJT-58 WTMJ-4* Milwaukee	491	
WSMN-20 Worthington, MN		
2200 WMLT-30 Memphis, TN	413	
UNID-56 PAX Memphis?		
WBUY-40 Holly Springs, MS	430	
UNID-39 ANC		

Western TV DX *Dave Pomeroy's report cont'd*

KOZK-21 Springfield, MO over K21AP-21
2300 WMAV-18 Oxford, MS 463
2315 KSFY-13 Sioux Falls, SD over WIBW-13
KACU-9 Sioux City, IA over KMBC-9

September 5

0630 KLPA-25 KLAX-31 Alexandria, LA 543
UNID-58 TBN
2200 KSMN-20 Worthington, MN 337
KMWB-23 KVBW-45 Minneapolis, MN
KAWB-22 Brainard, MN 515
KTIV-4 Sioux City, IA over WDAF-4
2300 KMSP-DT 26 Minneapolis, MN

September 6

0000 WXOW-19 WHLA-31 LaCrosse, WI
0600 KDTX-58 KDFA-33 Dallas, TX 450
0700 KDFW-DT 35 Dallas, TX 450
KXAS-DT 41* Ft. Worth, TX 450

October 22

2200 Es WCBS-2 New York City, NY 1149
WPSX-3 Clearfield, PA 919
KYW-3 Philadelphia, PA 1086
2230 KDKA-2 Pittsburgh, PA 834
WTAE-4 Pittsburgh, PA 845

Eric Bueneman (N0UIH), 631 Coachway Lane,
Hazelwood, MO 63042-1347

Phone: (314) 839-9751, E-mail: N0UIHEric@aol.com
Web site: <http://www.geocities.com/TelevisionCity/Taping/7423/K-Index.htm>

Equipment: Alaron 12-inch (30 cm) black and white
television, Radio Shack VU-210XR with RS
Archerator at 28 feet (8 m) above ground level. All
times CDT, all distances in miles/km.

September 4, 2000 (trop)

1655 Kansas City, MO 19, 29, 41, 50 225/362
2129 KSNF 16 MO Joplin "KSN 16" 250/402
2130 Springfield, MO 3, 10, 21, 27, 33 190/306
2131 KOAM 7 KS Pittsburg 260/418
2158 WHBQ 13 TN Memphis "Fox 13" 250/402

September 13, 2000 (trop)

0519 WPTO 14 OH Oxford (WFIE nulled) 305/491
0520 Louisville, KY 21, 32, 41 (all Grade B) 250/402
0522 WCET 48 OH Cincinnati 320/515
0523 Terre Haute, IN 10, 38 170/274
0525 Evansville, IN 14, 25 165/266
0526 Paducah, KY 6, 29, 49 155/249
0530 KSPR 33 MO Springfield 190/306
0540 WKPC 15 KY Louisville (Grade B) 250/402
0547 WKYU 24 KY Bowling Green 220/354

(test tones u/KNLC)

0552 WKON 52 KY Owenton 305/491
0557 Indianapolis, IN 20, 40, 59 (Grade B) 240/386

September 19, 2000 (trop)

0606 WPTA 21 IN Fort Wayne "21 Alive" 320/515
0611 South Bend, IN 16 (Grade B), 22 (local
strength), 34 (Grade B), 46 (u/WHS), 58 (u/KPTN-
LP) 300/483
0615 WJYS 62 IN Hammond (through K62EG) 245/394

0619 WMWB-LP 69 IN South Bend 300/483
0627 Chicago, IL 26, 32 (both Grade B), 38, 44 255/410
0630 WSJV 28 IN Elkhart (local strength) 305/491
0632 WOTV 41 MI Battle Creek 365/587
0640 WTLJ 54 MI Muskegon 375/603
0642 WXMI 17 MI Battle Creek (under WAND) 365/587

This September has been a good trop month for
me. September 13 brought another distant station in
KNLC-24's null, this time WKYU. That makes six
stations seen on 24 in KNLC's null. September 19
brought local-like signals from WSBT-22 and WSJV-
28. I even saw one of WSBT-22's morning news
anchors hauled off to jail to raise money for charity!
The South Bend opening finally brought some DX on
Channel 69 with WMWB-LP. They were carrying
separate cartoons from the St. Louis WB affiliate,
KPLR-11. Now, I have at least one station seen on
every channel, VHF and UHF.

73, Eric (N0UIH)

Matthew C. Sittel, 15013 Eureux Circle, Bellevue,
NE 68123 76255.2171@Compuserve.com
<http://ourworld.compuserve.com/homepages/MSittel/beltvdx.htm>

Equipment: Winegard PR-9032 UHF antenna at 35',
Winegard AP-4700 UHF pre-amp, Winegard PR-5030
VHF antenna at 342', MFC traps for channels 3,6,7
and 26.

October 14 tropo

0712 K58AE-58 IA Clarinda, WOWT-6 51
0716 K44FK-44 IA Waterloo, TBN 206
0717 KFXB-40 IA Dubuque 291
0719 10/47 MN Rochester 248
0742 19/31 WI La Crosse 299
0742 WFXS-55 WI Wittenberg 427
0748 WLAX-25 WI La Crosse 299
0816 KJIN-12 IA Iowa City 242
0816 W49AG-49 WI Bloomington, WPT 285
0902 WKOW-27 WI Madison, ABC 358
1000 49/51/53 MN Austin 226
1003 KMWB-23 MN Minneapolis 309
1112 K52FN-62 IA Muscatine, TBN 253
1116 K66FA-66 IA Davenport, 3ABN 258
1116 WHBF-4 IL Rock Island, CBS 285

October 18 tropo

0702 WHLA-31 WI La Crosse 299
0703 KXLT-47 MN Rochester 272
0704 KMWB-23 MN Minneapolis 309

Another very quiet month here. Only a couple of
days worth noting. The antennas were unhooked for
four days straight at one point due to the constant
threat of thunderstorms in a rather unusual weather
pattern. But even when they were hooked up, there
wasn't much to see!

K58AE isn't very far away, but given that I've
seen 56 and 60 from Clarinda a few times and never
58, I didn't think it was on the air! Thanks to Jeff
Kadet for helping me ID 62 in Muscatine. Happy
holidays to all! 73 Matt.

NORTHERN FM DX

Keith McGinnis

383 Shirley St. #2 Winthrop MA 02152

longwave@bellatlantic.net

617-846-5760 deadline 5th of each month

Mike Bugaj - 69 Sherman Road - Enfield, CT - 06082

Equipment: Carver TX-11 tuner with Stereo Probe 9 about 25 agl.
New are underlined.

Aug 28 Tropo

2130	WRJT	103.1 Royalston	VT	The Point
2148	WTOS	105.1 Skowhegan	ME	
2200	<u>WUFM</u>	105.7 Campton	NH	The River
2207	WPKQ	103.7 Berlin	NH	rare here
2212	<u>WOEZ</u>	104.7 Kennebunkport	ME	ID

Sept 6 Tropo

0708	WSLC	94.9 Roanoke	VA	94.9 Star Country, new calls
0950	WHAJ	104.5 Bluefield	VA	J-104.5 the Best Mix in the Mnts
2225	WXLK	92.3 Roanoke	VA	K-92
2305	<u>WVTF</u>	89.1 Roanoke	VA	local weather

September 7 Tropo

0700	WUSQ	102.5 Shenandoah	VA	
0710	WFRB	105.3 Frostburg	MD	
1700	MOST DC AREA STATIONS HEARD			
1748	WTVR	98.1 Richmond	VA	lite 98
2129	WFGY	98.1 Altoona	PA	Froggy 98
2141	WAYV	104.7 Hagerstown	MD	Today's Hottest Country
2156	WKZY	104.3 Harrisonburg	VA	
2333	<u>WKGO</u>	106.1 Cumberland	MD	Go-106
2359	<u>WBPP</u>	104.9 Strausburg	VA	Apple Country

September 8 Tropo

0028	WCTK	99.7 Staunton	VA	k
2000	Baltimore and Norfolk good			

September 17 Au

2100	WTSS	102.5 Buffalo	NY	Star 102.5
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September 19 Tropo

1937	WTSS	102.5 Buffalo	NY	w/ Joe Thomas Show
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October 1 Tropo

1930	WFRB	105.3 Frostburg	MD	98.5/105.3
1738	CBZ	101.5 Fredericton	NB	
1738	CBAF	102.3 Fredericton	NB	French

October 23 Tropo2253 WBGK 99.7 Newport Village NY // WBUG 101.1 k**October 25 Tropo**

0940 Ottawa FM's on 106.1, 102.5, 103.3, 105.3 and 100.3 w/good signals

November 9 GW

2053 W251AA 98.1 West Hartford CT Portugese // WFAR 93.3

Not too much in the way of tropo here. Sept 6, 7, and 8 were the best dates for tropo here. Lets hope next year is better.

John Eberling 9209 Vincent Ave South Bloomington MN 55431**(ijeberling@aol.com)**

Equipment: Pioneer TX 9500 Tuner w/if mods. Antennae are CM #4408 Probe 9
All times are CST. Mileage is at the end.

August 24 Tropo Bloomington MN

1200	KNTN	102.7 Thief River Falls	MN	264
1604	KUSO	92.7 Albion	NE US 92	320
1700	KTCH	104.9 Wayne	NE	258
1825	KGGK	98.3 Wessington Spgs	SD	
1840	KIKN	100.5 Salem	SD Kickin Country	215
1900	KRSD	88.1 Sioux Falls	SD	192
2000	KKPR	98.9 Kearney	NE	409
2210	KLRB	97.3 Aurora	NE	362
2221	KEXL	106.7 Norfolk	NE	282

August 25 Tropo Bloomington MN

0730	KRNY	102.3 Kearney	NE	409
0800	Unid	88.7	XLTR in Laramie (see note 1)	

August 25 Tropo Prosit MN

1213	KXNE	89.3 Norfolk	NE	417
1217	KUSO	92.7 Albion	NE	453
1225	KBKK	95.9 Pillager	MN KB 96	

August 28 Tropo Prosit MN

1005	KTMX	104.9 York NE	NE	491
1007	KSUX	105.7 Winnebago	NE	380

September 9 Prosit MN

1907	WELY	94.5 Ely	MN ex 92.1
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October 22 Es Prosit MN

2106	WSHA	88.9 Raleigh	NC
2110	WWQQ	101.3 Wilmington	NC

Note 1: I can't equate a Laramie CLTR to any station on 88.7. Didn't have the tape running, so I'm stuck with what I heard. Said "w/XLTR K282?? In Laramie", which puts awful close to a Laramie station, so I must have the XLTR freq. Wrong. It surprised me, so no tape rolling at the time.

87.9 has been the home of a few pirates in the area. One was welcoming everyone to the Mystic lake Casino in Shakopee MN. That's a casino run by an Indian tribe around 10 miles south of my location. Haven't been on lately. Another was described as "The Peoples Radio". Very poor audio quality. Only head them once.

Bob Smolarek 31 Mark Drive High Bridge NJ 08829**Equipment: McIntosh MR 78; CM Stereo Probe 9****underlined are new****May 1 Es**

2012	KGRC	92.9 Hannibal	MO
2017	<u>WFMS</u>	95.5 Indianapolis	IN
2018	KRZZ	96.3 Derby	KS
2200	WNAP	93.1 Indianapolis	IN
2201	KSAJ	98.5 Abilene	KS
2205	KANS	92.9 Osage City	KS
2207	KOEZ	92.3 Newton	KS
2211	KILS	92.7 Minneapolis	KS
2222	KYYS	99.7 Kansas City	MO
2230	KBBE	96.7 McPherson	KS
2231	<u>KGTR</u>	96.7 Larned	KS

May 9 Es

1930	<u>WCAA</u>	97.7 Ocilla	GA
1937	WTNT	94.9 Tallahassee	FL
1939	WSHF	99.3 Mexico Beach	FL
1941	<u>WJYF</u>	95.3 Nashville	GA

May 13 Tropo and GW

2130	<u>W264AMT</u>	100.7
2140	WBZA	100.7 Westminster MD

Lost date (after May 13)

1906	<u>KMXX</u>	94.9 Cold Spring	MN
1921	<u>KCPI</u>	94.9 Albert Lea	MN

June 24 Es

1206	WTMI	93.1 Miami	FL
1209	WZTA	94.9 Miami Beach	FL
1211	WMGE	103.5 Fort Lauderdale	FL
1215	<u>WMBX</u>	102.3 Jensen Beach	FL
1224	WZZR	92.7 Stuart	FL
1227	WCMQ	92.3 Hialeah	FL
1232	<u>WAWW</u>	94.7 Gifford	FL
1235	WPAW	99.7 Vero Beach	FL

1236	<u>WOSN</u>	97.1 Indian Rvr Shrs	FL
1237	WOST	100.1 Port Charlotte	FL
1239	WMFQ	92.9 Ocala	FL
1240	WIKX	92.9 Charlotte Harbor	FL
1241	WOLZ	95.3 Fort Myers	FL

June 25 Es

2110	KYEZ	93.7 Salina	KS
2115	<u>KCKS</u>	94.9 Concordia	KS
2124	<u>KMZA</u>	92.1 Seneca	KS
2211	KILS	92.7 Minneapolis	KS
2134	KCLY	100.9 Clay Center	KS

June 27 Es

1810	<u>WYOY</u>	101.7 Gluckstadt	MS
1812	KWCL	96.7 Oak Grove	LA

July 3 Es

1300	<u>KDAB</u>	94.9 Prairie Grove	AR
1320	KNIN	92.9 Wichita Falls	TX
1324	KBTN	99.7 Neosho	Mo

July 4 Es

1805	KJEF	92.9 Jennings	LA
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July 5 Es

2100	<u>WRLD</u>	95.3 Valley	AL
2108	WBLX	92.9 Mobile	AL
2121	<u>WMFC</u>	99.3 Monroeville	AL
2122	WHMA	100.5 Anniston	AL
2151	KSDR	92.9 Watertown	SD
2158	<u>KKJM</u>	92.9 St Joseph	MN

July 7 Es

2028	WCKW	92.3 LaPlace	LA
2041	WQCK	92.7 Clinton	LA
2045	WJMG	92.1 Hattiesburg	MS
2051	WBBN	95.9 Taylorsville	MS
2051	<u>WKXS</u>	96.3 Jackson	MS

July 11 Es

1723	<u>WKOR</u>	94.9 Columbus	MS
1733	<u>WFCA</u>	107.9 Starkville	MS
1735	<u>WRAX</u>	107.7 Birmingham	AL
1736	<u>WSTZ</u>	106.7 Vicksburg	MS
1814	<u>WJXR</u>	92.1 Maccleny	FL

July 29 Es

1815	<u>WDDV</u>	92.1 Venice	FL
1822	<u>WMFQ</u>	92.9 Ocala	FL
1843	<u>WXTB</u>	97.9 Clearwater	FL
1901	<u>KBHT</u>	93.5 Crockett	TX
1904	<u>WXOF</u>	96.3 Yankeetown	FL
1906	<u>WLLD</u>	98.7 Holmes Beach	FL

August 4 Es

2039	<u>WTBX</u>	93.9 Hibbing	MN
2041	<u>KMFY</u>	96.9 Grand Rapids	MN
2043	<u>WSCN</u>	100.5 Cloquet	MN
2045	<u>KTIG</u>	102.7 Pequot Lakes	MN
2047	<u>WIMI</u>	99.7 Ironwood	MI running Packer's pre-season football
2048	<u>WMPL</u>	93.5 Hancock	MI running Packer's pre-season football
2050	<u>WXXS</u>	95.3 Grand Marais	MN 92.1 Kiss
2052	<u>KSKK</u>	94.7 Staples	MN
2054	<u>KKJN</u>	94.3 Aitkin	MN
2055	<u>KKXL</u>	92.9 Grand Forks	ND
2059	<u>WSCD</u>	92.9 Duluth	MN
2059	<u>KKZY</u>	95.5 Bemidji	MN

Keith McGinnis, Witnthrop MA (except where noted)

Equipment-Modified Yamaha T-85, CM Stereo Probe 9
40 feet above the ground

September 17 Au

2100	<u>KTCZ</u>	97.1 Minneapolis	MN partial ID and then // to RA on web
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October 25 extended GW

1230	<u>WMME</u>	92.3 Augusta	ME The Moose
1310	<u>WOXO</u>	92.7 Norway	ME k

November 12 Tropo

1010	<u>WYJB</u>	95.5 Albany	NY ID // to webcast
1014	<u>WCPT</u>	100.9 Albany	NY

John Eberling noted some Pirates in his area and I have a couple in my area one is ethnic pirate (some French, spanish, etc) signals are usually hashy and somewhat distorted. The other pirate calls itself EB (for East Boston) Radio and I'm only two miles from East Boston. The signal is very strong here and seems to get out about 5 or so miles. Plays lots of great music.

SOUTHERN JO FM DX

John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
Jpzondlo@aol.com
Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD,
MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

December 2000

Pat Dyer - WA5IYX
5315 Silvertip Dr. - San Antonio, TX 78224-2744
pidyer3@juno.com - pidyer@swbell.net
<http://home.swbell.net/pidyer/index.html>
<http://www.qsl.net/wa5iyx/index.html>

1979 Realistic TM-1001 tuner (1990 2 IF mod w/150 kHz filters) into Allied 426 (1972); 1999 Conrad RDS Manager; 52 ohm step-attenuator box used to reduce local intermod/overload when needed; 1977 six element Archer 15-1636A antenna at 20' w/rotor; 1950's (tube) Narco Omnigator used for the navaid (ILS/VOR) loggings - see notes below.

7/1 Es	2002 WBTQ	93.5	WV	Buckhannon, ID 1244
7/2 Es	1740 KRNE	91.5	NE	Merriman, RDS ID 928
	1742 KQSD	91.9	SD	Lowry, RDS ID 1093
	1744 KIQK	104.1	SD	Rapid City, "Kick 104" 1038
	1759 KQDY	94.5	ND	Bismarck, "K-Love" 1213
	1806 KQSW	96.5	WY	Rock Springs, "Q-96" 1015
	1809 KDZN	96.5	MT	Glendive, RDS ID
	1923 KLND	89.5	SD	Little Eagle, ID 1129
	1937 KMNE	90.3	NE	Bassett, RDS ID 888
7/3 Tr	0949 KOYN	93.9	TX	Paris, ID 353
7/3 Es	0952 WKRR	92.3	NC	Greensboro, ID 1174
	1001 WRVQ	94.5	VA	Richmond, "Q-94" 1340
	1003 WKLR	96.5	VA	Fort Lee, "The Planet" 1335
	1024 WXLK	92.3	VA	Roanoke, "K-92," area ads 1188
	1909 WWOQ	94.5	NC	Hatteras, "Water Country Radio" 1380
	1934 WSXK	92.3	GA	Hinesville, Braves bb 1034
7/4 Tr	0801 KIPR	92.3	AR	Pine Bluff, area ads, "Power 92" 506
	0802 KSYE	91.5	OK	Frederick, RDS ID 338
7/5 Es	1029 WMOQ	92.3	GA	Bostwick, "Real Country" 930
	1132 WYAV	104.1	SC	Conway, "Wave" 1184
	1134 WXXM	97.7	SC	Georgetown, area ad 1184
	1135 WRNN	94.5	SC	Murrells Inlet, Limbaugh 1184
	1136 WDOG	93.5	SC	Allendale, phone # 1048
	1142 WSCI	89.3	SC	Charleston, RDS ID 1129
	1333 WJYV	88.9	IN	Union City, "Joy FM" 1075

1339 WVMS	89.5	OH	Sandusky, area ads 1210
1456 WCMU	89.5	MI	Mt. Pleasant, RDS ID 1236
1457 WLAV	96.9	MI	Grand Rapids, RDS ID 1182
1459 WKAR	90.5	MI	East Lansing, RDS ID 1204
1500 WKLQ	94.5	MI	Holland, RDS ID 1160
1504 WHMI	93.5	MI	Howell, "Star 93.5" 1221
1509 WBLV	90.3	MI	Twin Lake, RDS ID 1192
1630 WKKT	96.9	NC	Statesville, "Kat Country" 1117
1630 WLNK	107.9	NC	Charlotte, "The Link" 1092
1702 IFTY	109.1	GA	Atlanta, ILS, Morse tone ID 881
1731 ICKF	108.9	GA	Cordele, ILS, Morse tone ID 899
1734 LSF	111.4	GA	Columbus, VOR, Morse tone ID 831
1735 ITOI	108.9	AL	Troy, ILS, Morse tone ID 767
1741 EUF	109.2	AL	Eufaula, VOR, Morse tone ID 819
1811 WLBC	104.1	IN	Muncie, ID 1050
1811 WGPB	91.5	GA	Valdosta, RDS ID 972
1812 WXTX	96.5	WV	Williamson, ID 1140
1815 WDOH	107.1	OH	Delphos, Indians bb 1120
1822 HEY	110.6	AL	Ozark, VOR, Morse tone ID 783
1830 UIA	110.2	AL	Andalusia, VOR, Morse tone ID 739
1844 WTCQ	97.7	GA	Vidalia, "98-Q," area ads 976
1846 WFKS	97.9	FL	St. Augustine, area ad 1027
1848 WNGC	106.1	GA	Toccoa, ID 953
1853 WBWN	104.1	IL	LeRoy, "B-104," area ads 936
1855 WBCT	93.7	MI	Grand Rapids, "B-93," k 1163
1855 KORB	93.5	IA	Bettendorf, "Quad Cities," r 955
1856 WOOD	105.7	MI	Grand Rapids, "EZ-105" 1167
1858 WVGR	104.1	MI	Grand Rapids, NPR 1167
1901 WIBI	91.1	IL	Carlinville, RDS ID 845
1902 WMMQ	94.9	MI	East Lansing, RDS ID 1198
1904 WIOG	102.5	MI	Bay City, RDS ID 1264
1914 WAPL	105.7	WI	Appleton, ID 1180
1917 KZZT	105.5	MO	Moberly, "KZ-105," local ads 776
1918 WVBO	103.9	WI	Winneconne, area ad 1148
1923 WKXK	106.5	IL	Granite City, area ads, "Kix 106" 793
1924 KZZK	105.9	MO	New London, RDS ID 817
1925 WQCY	103.9	IL	Quincy, area ads 834
1928 WHVL	104.7	GA	Hinesville, "The Edge" 1016
1928 WMOZ	104.1	IL	Colchester, "Mix 104.1," ph code 879
1929 WGEN	105.1	IL	Quincy, Cincy Reds bb 832
1931 WBWI	92.5	WI	West Bend, "BWI," k 1120
1933 KOKX	95.3	IA	Keokuk, area ad 856
1934 WLQI	97.7	IN	Rensselaer, RDS ID 1022
1935 WJVL	99.9	WI	Janesville, ID local ad 1053
1937 WFMX	105.7	NC	Statesville, ID 1128
1940 WAAG	94.9	IL	Galesburg, RDS ID 919
1941 WBYS	98.9	OH	Van Wert, RDS ID 1104
1945 RSV	108.4	IL	Robinson, VOR, Morse tone ID 907
1952 WXTM	104.1	IL	Jerseyville, area ad 801
1954 KSLZ	107.7	MO	St. Louis, area ad 785
1956 WMGI	100.7	IN	Terre Haute, "Mix FM" 934

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1959 WTQR 104.1 NC Winston-Salem, ID 1157
 2003 WYRA 94.5 NC Eden, "XRA" 1181
 2012 KICK 97.9 MO Palmyra, "Kick FM" 816
 2012 WSAY 98.5 NC Rocky Mount, Carolina Mudcats
 bb 1285
 2022 WAKO 103.1 IL Lawrenceville, ID 892
 2026 WYCA 92.3 IN Hammond, area ad, rel 1044
 2031 KNLH 89.5 MO Cedar Hill, area "ad," rel 767
 2032 WHTY 93.5 IN Hartford City, area ad 1059
 2049 WSPA 98.9 SC Spartanburg, "Lite Rock" 1027
 2050 WXLK 92.3 VA Roanoke, "K-92," area ad 1188
 2052 WSLC 94.9 VA Roanoke, RDS ID 1188
 2057 WXBQ 96.9 TN Bristol, ID, k 1067
 7/6 Es
 0924 WFLB 96.5 NC Laurinburg, ID, rk 1199
 0926 WWOE 94.5 NC Hatteras, "Water Country" 1380
 0929 KQSD 91.9 SD Lowry, RDS ID 1093
 0934 WNSC 88.9 SC Rock Hill, RDS ID 1090
 0936 WAGO 88.7 NC Snow Hill, ID, rel 1288
 0948 WKTI 94.5 WI Milwaukee, ID 1110
 0953 WHMI 93.5 MI Howell, area ad 1221
 0954 WAAA 88.7 MI Interlochen, RDS ID 1241
 0954 WBLV 90.3 MI Twin Lake, "Bluelake" RDS ID
 1192
 0954 WAUS 90.7 MI Berrien Springs, RDS ID 1171
 0956 WKZC 94.9 MI Scottville, "Z-95," area ad 1208
 0958 WNIZ 96.9 IL Zion, c 1080
 1001 WLXT 96.3 MI Petoskey, ID, "W-Lite" 1323
 1006 WLHT 95.7 MI Grand Rapids, "W-Lite" 1178
 1009 WLAV 96.9 MI Grand Rapids, RDS ID 1182
 1010 WODJ 107.3 MI Greenville, ID, o 1188
 1013 WUPS 98.5 MI Houghton Lake, local ad 1274
 1015 WOOD 105.7 MI Grand Rapids, RDS ID 1167
 1019 WVGR 104.1 MI Grand Rapids, educational
 1167
 1020 WKFR 103.3 MI Battle Creek, regional ad 1156
 1022 WOLB 103.3 MI Tawas City, area ad 1318
 1026 WCMW 103.9 MI Harbor Springs, RDS ID 1329
 1026 KSRG 102.1 MO Kansas City, "Star 102" 700
 1028 WJCH 91.9 IL Joliet, ID 1007
 1029 WKLQ 94.5 MI Holland, local ad 1160
 1029 WBCM 93.5 MI Boyne City, "WTCM" 1325
 1030 WBYC 92.5 MI Atlanta, "Bee," area ads 1325
 1035 WCMU 89.5 MI Mt. Pleasant, RDS ID 1236
 1037 WCGY 106.3 IL Gibson City, area ads 959
 1039 WLEW 102.1 MI Bad Axe, local ad 1308
 1043 WMUK 102.1 MI Kalamazoo, c 1151
 1046 WBCT 93.7 MI Grand Rapids, "B-93," local
 ads, k 1163
 1049 WBCH 100.1 MI Hastings, local ad 1171
 1050 WAJK 99.3 IL LaSalle, area ads 975
 1055 WSWT 106.9 IL Peoria, "Lite Rock 107" 929
 1057 BML 108.2 IL Bloomington, VOR, Morse ID
 935
 1116 DPA 108.4 IL DuPage, VOR, Morse tone ID
 1030
 1121 PNT 109.6 IL Pontiac, VOR, Morse tone ID
 960
 1126 IRNX 110.5 IL Peoria, ILS, Morse tone ID 922
 1133 IJX 108.6 IL Jacksonville, VOR, Morse tone
 ID 885
 1141 DDC 108.2 KS Dodge City, VOR, Morse tone
 ID 583
 1146 ISPI 109.5 IL Springfield, ILS, Morse tone ID
 877
 1156 IHKH 111.5 IL Chicago, Midway airport, ILS
 Morse ID 1044
 1200 WLEY 107.9 IL Aurora, "La Ley," SS 1026
 1203 KAAQ 105.9 NE Alliance, RDS ID 891
 1204 KPMX 105.5 CO Sterling, area ads 804
 1213 WHAD 90.7 WI Delafield, RDS ID 1093
 1215 KRNE 91.5 NE Merriman, RDS ID 928

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1222 WMUS 106.9 MI Muskegon, "MUS" 1174
 1223 KMCX 106.5 NE Ogallala, local death notices
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 1235 KPAW 107.9 CO Fort Collins, area ads 852
 1238 KRAI 93.7 CO Craig, RDS ID 919
 1238 KIGN 97.9 WY Cheyenne, RDS ID 881
 1239 KZHK 95.9 UT St. George, RDS ID
 1240 KDJM 92.5 CO Greeley, "Jammin' 92," area
 ads 817
 1241 KASS 106.9 WY Casper, state wx 1011
 1246 KCSP 90.3 WY Casper, "Pilgrim" RDS ID
 1012
 1248 KNFO 106.1 CO Basalt, Limbaugh 835
 1250 KTRR 102.5 CO Loveland, local wx 838
 1253 KLEN 106.3 WY Cheyenne, ID 877
 1257 KYGO 98.5 CO Denver, ID 807
 1257 KTCL 93.3 CO Fort Collins, ID 815
 1258 KXKL 105.1 CO Denver, area ads 794
 1259 KAGM 102.3 CO Strasburg, ID 771
 1300 KCKK 104.3 CO Longmont, area ads 827
 1305 WHHI 91.3 WI Highland, RDS ID 1042
 1306 KERZ 92.1 WY Green River, RDS ID 1025
 1310 KOEL 92.3 IA Oelwein, ID 986
 1311 KMGW 94.5 WY Casper, "Star 94" RDS ID
 1012
 1311 KRKS 94.7 CO Boulder, rel 814
 1317 KXPX 96.5 CO Evergreen, "XPK," "The Peak"
 817
 1319 KCRR 97.7 IA Grundy Center, ID 944
 1320 WCFW 105.7 WI Chippewa Falls, ID 1137
 1323 KWWW 95.5 WY Casper, "The Giant," state ID,
 k 1012
 1331 KTAG 97.9 WY Cody, RDS ID
 1332 KSJR 107.1 CO Brush, ID 807
 1334 KRVC 107.7 WY Midwest, "The River" 1011
 1343 KAML 96.9 WY Gillette, ID 1092
 1345 KGWY 100.7 WY Gillette, RDS ID, "The Fox"
 1088
 1346 KHOC 102.5 WY Casper, local ad 1011
 1351 KBKR 93.7 SD Brookings, local wx 1031
 1404 KYFO 95.5 UT Ogden, rel 1118
 1405 KDSU 91.9 ND Fargo, local rx 1212
 1417 KLND 89.5 SD Little Eagle, RDS ID 1129
 1526 KKBK 92.3 CA Los Angeles, state ad 1187
 1543 XETRA 91.1 BCN Tijuana, "91-X" 1112
 1546 KBZN 97.9 UT Ogden, "The Breeze" 1089
 1549 KBZT 94.9 CA San Diego, local ad 1126
 2035 XHITZ 90.3 BCN Tijuana, "Jammin' Z-90"
 1112
 7/8 Es
 1103 WMUU 94.5 SC Greenville, ID 1017
 7/9 Es
 1051 XHMR 93.7 YU Merida, Yucatan ID 800
 1057 XHMT 98.5 YU Merida, town ID 800
 1120 90.5 BZ Belize City, country ID
 1448 KBIG 104.3 CA Los Angeles, ID 1186
 1453 KLOS 95.5 CA Los Angeles, ID 1187
 1455 KTWV 94.7 CA Los Angeles, "The Wave,"
 smooth j 1187
 1456 KFOX 93.5 CA Redondo Beach, SS tape loop
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 1459 KWXY 98.5 CA Cathedral City, area ad 1091
 1501 KDB 93.7 CA Santa Barbara, c. RDS ID 1078
 1501 KCLB 93.7 CA Coachella, RDS ID 1078
 1504 KMLT 105.1 CA Los Angeles, c 1188
 1505 KPLM 106.1 CA Palm Springs, ID, k 1079
 1509 KJLH 102.3 CA Compton, s 1201
 1512 KYSR 98.7 CA Los Angeles, "Star 98.7" 1204
 1521 KCMG 92.3 CA Los Angeles, "Mega 92.3," o
 1187
 1523 KMSX 95.7 CA Carlsbad, area ad 1126
 1603 XHITZ 90.3 BN Tijuana, "Jammin' Z-90," rap
 1112

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1611 XETRA 91.1 BN Tijuana, ID 1112
 7/10 Es
 1803 WRJO 94.5 WI Eagle River, town ID 1257
 1816 WHBM 90.3 WI Park Falls, RDS ID 1223
 1821 KOEL 92.3 IA Oelwein, ID 986
 1822 WAQE 97.7 WI Rice Lake, ID 1179
 1823 WHDQ 97.5 WI Rhinelander, area ad 1211
 1830 WHSA 89.9 WI Brule, RDS ID 1232
 1851 KSTP 94.5 MN St. Paul, "KS-95" 1118
 1854 KIAI 93.9 IA Mason City, area ad 989
 1855 KWWK 96.5 MN Rochester, ID 1058
 1859 K222AE 92.3 MN Springfield, KJYL/KJLY ID
 1039
 1901 KITN 93.5 MN Worthington, ID 985
 1901 KXRA 92.3 MN Alexandria, ID 1150
 1905 KKWS 105.9 MN Wadena, local ad 1201
 1908 KCLH 104.1 SD Yankton, RDS ID 913
 1911 KBPR 90.7 MN Brainerd, RDS ID in text block
 1190
 1914 KLLZ 99.1 MN Walker, "Realrock" RDS ID
 1240
 1918 KJHK 106.9 IA Rock Valley 965
 1927 FEM 110.4 MN Fergus Falls, VOR, Morse ID
 1168
 1930 ILNK 109.9 NE Lincoln, ILS, Morse tone ID
 1028
 1944 BKX 108.8 SD Brookings, VOR, Morse tone ID
 1028
 1949 SCB 111.6 NE Scribner, VOR, Morse tone ID
 844
 1959 IQE 108.4 NE Tekamah, VOR, Morse tone ID
 858
 2008 KLGR 97.7 MN Redwood Falls, ID 1057
 2009 KMXX 94.9 MN Cold Spring, "New Mix" 1124
 2011 KZPK 98.9 MN Paynesville, "Wild Country"
 1132
 2017 WWJO 98.1 MN St. Cloud, "98 CNTRY" RDS ID
 1155
 2018 WHMH 101.7 MN Sauk Rapids, area ad 1138
 2024 KQIC 102.5 MN Wilmar, area ad 1102
 2026 KUQQ 102.1 IA Milford, RDS ID 980
 2035 KZCY 95.5 MN Bemidji, "KZY," area wx 1251
 2038 KSEZ 97.9 IA Sioux City, area ad, "Z-98"
 907
 2040 KBOT 104.1 MN Pelican Rapids, "Wild Country"
 1195
 7/10 Tr
 2111 WCKW 92.3 LA LaPlace, "The Point" 473
 7/11 Tr
 0006 WCKW 92.3 LA LaPlace, "The Point" 473
 7/12 Tr
 0007 WCKW 92.3 LA LaPlace, "The Point" 473
 0027 KJAE 93.5 LA Leesville, "Real Country" 337
 0742 KSMB 94.5 LA Lafayette, RDS ID 387
 7/12 Es
 1558 WKRR 92.3 NC Greensboro, ID 1174
 1734 KOEL 92.3 IA Oelwein, ID 986
 1736 KCRR 97.7 IA Grundy Center, ID 944
 1743 KDAL 95.7 MN Duluth, local ad 1246
 1745 WEGZ 105.9 WI Washburn, "Eagle Country"
 1257
 1755 WZJM 92.3 OH Cleveland Heights, RDS ID
 1265
 1826 WRLS 92.3 WI Hayward, ID 1204
 1837 WYUP 105.7 MI "Anse," "Up" RDS ID 1307
 1843 WMZK 104.1 WI Merrill, "Z-104," "central WI"
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 1854 WRQT 95.7 WI LaCrosse, local ad 1059
 1855 KOKZ 105.7 IA Waterloo, RDS ID 963
 1902 WAQE 97.7 WI Rice Lake, "AQE" 1179
 1906 KWWK 96.5 MN Rochester, ID, k 1058
 1910 WLHT 95.7 MI Grand Rapids, "W-Lite" 1178

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1910 WLAV 96.9 MI Grand Rapids, RDS ID 1182
 1911 WCMU 89.5 MI Mt. Pleasant, RDS ID 1236
 1918 WMMQ 94.9 MI East Lansing, RDS ID 928
 1930 KRNE 91.5 NE Merriman, RDS ID 928
 1932 WBEZ 91.5 IL Chicago, ID 1053
 1933 WBLV 90.3 MI Twin Lake, "Bluelake" RDS ID
 1192
 1940 KLND 89.5 SD Little Eagle, RDS ID 1129
 1952 KQDY 94.5 ND Bismarck, "K-Love" 1213
 1955 WKTI 94.5 WI Milwaukee, town ID 1110
 2011 KTTN 92.3 MO Trenton, ID 785
 7/13 Tr
 0115 KSMB 94.5 LA Lafayette, RDS ID 387
 0645 WTIX 94.3 LA Galliano, "TIX" 527
 0655 KTDY 99.9 LA Lafayette, ID 412
 0658 KSBH 94.9 LA Coshatta, "The River" 359
 0703 WEZB 97.1 LA New Orleans, "K-97" 514
 0705 WLNK 95.3 MS Lumberton, "Power 95" 577
 0705 KUEZ 99.3 TX Lufkin, RDS ID 265
 0706 KAYD 97.5 TX Beaumont, local PSA 279
 0713 WCPR 97.9 MS D'Iberville, "CPR" 572
 0715 WKNN 99.1 MS Pascagoula, "K-99," area ad
 596
 0717 KTYL 93.1 TX Tyler, "Jammin' 93.1" 282
 0720 WTKL 95.7 LA New Orleans, "Cool 95.7" 514
 0721 KTUX 98.9 TX Carthage, "Rock 99," area ads
 338
 0723 WCKW 92.3 LA LaPlace, "The Point" 473
 0740 KUMX 104.1 LA Houma, "Mix 104.1," area ad
 473
 0743 KXKC 99.1 LA New Iberia, ID 412
 0748 KJAE 93.5 LA Leesville, local/area ads 337
 0754 KFAD 93.9 LA Alexandria, "Magic 94" 390
 0848 KZMZ 96.9 LA Alexandria, ID 388
 0855 KQID 93.1 LA Alexandria, "Q-93" 409
 7/13 Es
 1832 WHAD 90.7 WI Delafield, RDS ID 1093
 1836 WBLV 90.3 MI Twin Lake, "Bluelake" RDS ID
 1192
 1841 WKLH 96.5 WI Milwaukee, ID 1110
 1841 WDOR 93.9 WI Sturgeon Bay, area ad 1228
 1841 KZZK 105.9 MO New London, RDS ID 817
 1844 WRIT 95.7 WI Milwaukee, ID 1111
 1853 WTCR 103.3 WV Huntington, ID 1113
 1901 WPAY 104.1 OH Portsmouth, ID, k 1095
 1903 WMTZ 96.5 PA Johnstown, "The Mountain"
 1340
 1905 WRRR 93.9 WV St. Mary's, "93-R" 1202
 1915 WKDD 96.5 OH Akron, ID 1254
 1923 WWSW 94.5 PA Pittsburgh, "3WS" 1294
 1928 WRRK 96.9 PA Braddock, ID, classic r 1295
 1936 WCOL 92.3 OH Columbus, ID 1141
 1939 WQMX 94.9 OH Medina, ID, k 1245
 1946 CBCL 93.5 ON London, RDS ID 1334
 2005 WHMI 93.5 MI Howell, ID 1221
 7/14 Tr
 0137 KSMB 94.5 LA Lafayette, ID 387
 0147 WCKW 92.3 LA LaPlace, "The Point" 473
 7/14 Es
 1646 WGPB 91.5 GA Vidalia, ID 972
 1705 WYWA 88.7 AL Dothan, RDS ID 784
 1714 WAOA 107.1 FL Melbourne, "WA1" RDS ID 784
 1726 WWAQ 92.3 FL Orlando, local wx 1058
 1734 WHTQ 96.5 FL Orlando, local ad 1059
 1736 WAYJ 88.7 FL Fort Myers, area ID 1047
 1739 WCMQ 92.3 FL Hialeah, SS 1154
 1740 WARO 94.5 FL Naples, "Arrow 94.5," RDS ID
 1052
 1743 WLVE 93.9 FL Miami Beach, j 1149
 1745 WWRM 94.9 FL Tampa, "Warm" 997
 1746 WCCL 97.7 FL Punta Rassa, c 1038
 1747 WDXJ 95.7 FL North Miami Beach, SS 1140
 1747 WSSR 95.7 FL Clearwater, local ad 974

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1747 WDRR 98.5 FL San Carlos Park, j 1042
1748 WKIS 99.9 FL Boca Raton, RDS ID 1151
1749 WEDR 99.1 FL Miami, rap 1147
1749 WINK 96.9 FL Fort Myers, RDS ID 1041
1752 WTLT 93.5 FL Naples, local ad 1054
1755 WFLZ 93.3 FL Tampa, RDS ID 996
1759 WRMF 97.9 FL Palm Beach, ID 1139
1905 KKFR 92.3 AZ Glendale, "Jams," rap 836
1905 KOOL 94.5 AZ Phoenix, "Kool" 837
1911 KFLR 90.3 AZ Phoenix, rel 839
1912 KYOT 95.5 AZ Phoenix, ID, smooth j 837
7/15 Tr
2225 WCKW 92.3 LA LaPlace, "The Point" 473
7/16 Tr
0118 WCKW 92.3 LA LaPlace, "The Point" 473
7/16 Es
1044 KOMP 96.9 AZ Phoenix, area ad 836
1148 KOMP 92.3 NV Las Vegas, local ad 1079
1202 XHPZ 96.7 JA Ciudad Guzman, ID 735
1216 KPLM 106.1 CA Palm Springs, area ad 1079
1222 KDB 93.7 CA Santa Barbara, c, RDS ID 1281
1224 KCLB 93.7 CA Coachella, RDS ID 1078
1232 KLOS 95.5 CA Los Angeles, ID 1187
1233 KTVW 94.7 CA Los Angeles, "The Wave," j 1187
1237 KLIKX 93.5 CA Rosamond, "The Quake" 1208
1240 KMZT 105.1 CA Los Angeles, c 1188
1241 KCMG 92.3 CA Los Angeles, local ad 1187
1247 KMSX 95.7 CA Carlsbad, "Mix 95.7" 1126
1252 KDUC 94.3 CA Barstow, local ad 1142
1257 KBZT 94.9 CA San Diego, local ad 1126
1258 KWST 94.5 CA Brawley, "K-West" 1026
1258 KLJZ 93.1 AZ Yuma, ID 975
1310 KWVE 107.9 CA San Clemente, rel 1151
1313 XHSLR 107.9 SO San Luis Rio Colorado, area ad 979
1719 KZHT 94.9 UT Provo, "ZHT" 1061
1719 KBZN 97.9 UT Ogden, "The Breeze" 1089
1722 KUBL 93.3 UT Salt Lake City, "The Bull," RDS ID 1089
1730 KYTI 93.7 WY Sheridan, "The Coyote" 1145
1732 KSP0 104.3 UT Salt Lake City, ID 1089
1737 KOSY 106.5 UT Spanish Fork, "Cozy" 1059
1740 KQOL 93.1 NV Las Vegas, RDS ID 1079
1742 KCYQ 93.7 UT Richfield, "Q-93.7" 1000
1743 KWNR 95.5 NV Henderson, area ad 1054
1755 KDAG 96.9 NM Farmington, "Big Dog" 746
1759 KADD 93.5 NV Laughlin, area/local ads 997
1801 KCSP 90.3 WY Casper, "Pilgrim" RDS ID 1012
1803 KWKY 94.9 NM Aztec, area ad 747
1813 KRCY 105.9 AZ Kingman, "Mad Dog," area ad 997
1817 KXAZ 93.3 AZ Page, area wx 917
1820 KOOL 94.5 AZ Phoenix, "Kool" 837
1821 KXXI 93.7 NM Gallup, town ID 722
1828 KGLX 99.1 NM Gallup, RDS ID 724
1832 KBDT 98.9 AZ Oraibi, area ad 832
1839 KXXZ 95.9 CA Barstow, area ad 1142
1843 KTAG 97.9 WY Cody, ID 1189
1852 KZHK 95.9 UT St. George, RDS ID 1000
1855 KZPK 98.9 MN Paynesville, "Wild Country" 1132
1859 KLKS 104.3 MN Breezy Point, "K-Lakes," ID 1205
1904 KCRR 97.7 IA Grundy Center, ID 944
1906 KRAQ 105.7 MN Jackson, ID 998
1910 KRAI 93.7 CO Craig, RDS ID 919
1910 KMGW 94.5 WY Casper, "Star 94" RDS ID 1012
1916 WMDL 94.5 KY Lexington, RDS ID 1007
1917 KSEZ 97.9 IA Sioux City, "Z-98," local ad 907

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1930 KWPN 107.9 NE West Point, local ad 856
1940 KCLH 104.1 SD Yankton, RDS ID 913
1942 KUSD 89.7 SD Vermillion, RDS ID 942
1945 KSUX 105.7 NE Winnebago, area ad 896
1952 WTCR 103.3 WV Huntington, local ad 1113
1955 KVFX 94.5 UT Logan, RDS ID 1136
1956 KMHH 95.5 MT Hardin, ID 1238
1959 KJAM 103.1 SD Madison, SD bb 1005
1959 WPAY 104.1 OH Portsmouth, ID 1095
2004 KRQC 102.3 MN Detroit Lakes, "KQ-102," ID 1208
2004 KNEL 104.9 UT Tremonton, "The Car" 1140
2010 RIL 110.6 CO Rifle, VOR, Morse tone ID 866
2023 EVW 110.0 WY Evanston, VOR, Morse tone ID 1073
2024 VEL 108.2 UT Vernal, VOR, Morse tone ID 971
2033 KCPX 105.7 UT Centerville, ID 1089
2034 KRAR 106.9 UT Brigham City, //106.5 UT 1125
2036 KJYE 92.3 CO Grand Junction, RDS ID 880
2047 KBEE 98.7 UT Salt Lake City, "B-98.7" 1085
2100 KPWW 107.1 CO Aspen, ID w/KAJX 829
7/17 Tr
0911 KZMZ 96.9 LA Alexandria, ID 388
0915 KVKI 96.5 LA Shreveport, ID 353
0932 KIPR 92.3 AR Pine Bluff, "Power 92 Jammin" 506
0950 KRUF 94.5 LA Shreveport, local ad 354
2206 WCKW 92.3 LA LaPlace, "The Point" 473
7/17 Es
0931 KQSD 91.9 SD Lowry, RDS ID 1093
0937 WQMF 95.7 IN Jeffersonville, "QMF" 940
0940 KDSU 91.9 ND Fargo, RDS ID 1212
1007 WXCC 96.5 WV Williamson, ID 1095
1013 WTCR 103.3 WV Huntington, ID 1113
1039 WEBX 93.5 IL Tuscola, area ad 928
1053 WAAG 94.9 IL Galesburg, local/area ads 919
1055 WRIT 95.7 WI Milwaukee, local wx 1111
1059 WSDM 97.7 IN Brazil, ID 950
1100 WHTY 93.5 IN Hartford City, "east central IN" 1059
1108 WMXL 94.5 KY Lexington, RDS ID 1007
1112 WWWW 104.9 IN Columbus, Paul Harvey 982
2156 KCPW 90.3 WY Casper, "Pilgrim" RDS ID 1012
2158 KUSU 91.5 UT Logan, PRI-NPR 1141
7/18 Tr
0419 KTUX 98.9 TX Carthage, "99-XROCK" RDS ID 338
0419 KUEZ 99.3 TX Lufkin, RDS ID 265
0419 KJAE 93.5 LA Leesville, "K-Jay," k 337
0447 KSBH 94.9 LA Coshatt, ID 359
7/18 Es
1023 WFWI 92.3 IN Fort Wayne, "The Fort" 1099
1027 KQCH 97.7 NE Nebraska City, local/area ads 787
1056 WKCL 91.5 SC Ladson, "WKC," rel 1119
7/19 Tr
0050 WCKW 92.3 LA LaPlace, "The Point" 473
7/20 Tr
0956 KSMB 94.5 LA Lafayette, ID 387
7/21 Tr
0716 WEZB 97.1 LA New Orleans, town ID, "B-97" 514
0721 WTIX 94.3 LA Galliano, "TIX FM" 527
0822 KJAS 107.3 TX Jasper, town ID 294
0834 WCKW 92.3 LA LaPlace, area ad 473
0935 KZMZ 96.9 LA Alexandria, ID 388
2117 KSMB 94.5 LA Lafayette, RDS ID 387
7/21 Es
1018 WHMI 93.5 MI Howell, area ad 1221
1025 WCMU 89.5 MI Mt. Pleasant, RDS ID 1236
1028 WLAV 96.9 MI Grand Rapids, "LAV" 1182

Southern FM DX

Dyer continued

1039 WOOD 105.7 MI Grand Rapids, ID 1167
1041 WAVC 93.9 MI Mio, area ads, "The Zone" 1310
1043 WUPS 98.5 MI Houghton Lake, local ad 1274
1049 WBLV 90.3 MI Twin Lake, "BlueLake" RDS ID 1192
1051 WBCM 93.5 MI Boyne City, "WTCM" 1325
1056 WKHQ 105.9 MI Charlevoix, area ad 1310
1105 WCMB 95.7 MI Oscoda, NPR 1334
1107 WGRD 97.9 MI Grand Rapids, ID 1168
1120 WCMW 103.9 MI Harbor Springs, RDS ID 1329
1124 WIAA 88.7 MI Interlochen, RDS ID 1241
1124 WHAD 90.7 WI Delafield, RDS ID 1093
1125 WAUN 92.7 WI Kewaunee, ID 1199
1128 WBYC 92.5 MI Atlanta, "B-94.3/92.5" 1325
1132 WDOF 93.9 WI Sturgeon Bay, area ad 1228
1134 WRLU 104.1 WI Algoma, county 1216
1136 WFXD 103.3 MI Marquette, local ad 1319
1141 WJPD 92.3 MI Ishpeming, RDS ID 1319
1150 WOZZ 93.5 WI New London, ID 1178
1404 WMPL 93.5 MI Hancock, local ad, Dorman 1244
10/1 Tr
1504 KHYM 103.9 KS Copeland, ID 325
10/3 Ms
0708 KISR 93.7 AR Fort Smith, ID, "Kisser 93" 695
10/12 Tr
0527 KRKV 107.7 WY Midwest, "Wyoming's rock hits, 107.7" 200
10/15 Tr
2211 KXKU 106.1 KS Lyons, "Kicks 106, Kansas' best country" 413
2242 KFDI 101.3 KS Wichita, Wichita rx, ID 475
10/17 Tr
1627 KSYZ 107.7 NE Grand Island, ads 376
10/18 Ms
0814 KEGL 97.1 TX Fort Worth, "97.1 The Eagle" 694
0856 WREO 97.1 OH Ashtabula, "The best music of the 80's, 90's and today, Star 97.1" 1289
0929 KTXR 101.3 MO Springfield, "10:29 now, 59 degrees in Springfield..." 692
10/19 Ms
0728 KDHX 88.1 MO St. Louis, "Thank you for your support of KDHX" 824
0736 WMAW 88.1 MS Meridian, "You're listening to NPR in Mississippi" 935
0740 WHID 88.1 WI Green Bay, "Contributors to Wisconsin public radio..." 935
10/20 Ms
0700 KJTY 88.1 KS Topeka, "If you enjoy Joy 88..." 529
10/21 Tr
1454 KKPR 98.9 NE Kearney, NE ads 337
10/22 Ms
0651 WONU 89.7 IL Kankakee, 4 sec of dead air, RDS activated 924

Jim Thomas
wdx@bu
Milliken, CO
MDT

Pioneer TX-9500 w/2 IF filters, CM Stereo Probe 9 @ 25'

December 2000

10/23 Ms
1252 KCCK 88.3 IA Cedar Rapids, "...KCCK..." 727
10/24 Tr
0705 KDGB 93.1 KS Pratt, "We're the one, KDGB, Pratt-Wichita-Hutchinson" 408
1702 KHCD 89.5 KS Salina, "This is KHCD 89.5, KHCC 90.1, KHCT 90.9" 432
1801 KHCT 90.9 KS Great Bend, "This is KHCT 90.9 Great Bend..." 384
10/24 Ms
1105 WFMG 101.1 IN Richmond, mx, RDS 1088
1645 CBSM 89.5 ON Sault Ste. Marie, CBC rx, RDS 1143
10/28 Tr
1726 KOUT 98.7 SD Rapid City, "...you'll always hear the best country in the Black Hills..." 281
1749 KYOD 100.1 WY Glendo, "Wyoming's 100 FM, KYOD" 145
1752 KZEW 101.7 WY Wheatland, "...at the Brown Shoe Company in Wheatland today..." 120
1806 KPSD 97.1 SD Faith, educational pgming "in downtown Sioux Falls" 367
Eric Bueneman - NOUIH
631 Coachway Lane - Hazelwood, MO 63042-1347
(314) 839-9791 - NOUIHEric@aol.com
<http://www.geocities.com/TelevisionCity/Taping/7423/K-Index.htm>
<http://www.qsl.net/n0uih/index.html>
COT
Realistic STA-90 AM/FM/FM stereo receiver, Radio Shack VU-210XR w/RS Archerrotor @ 28' (8m) AGL
9/3 Tr
2150 Columbia MO 89.5, 91.3, 96.7, 98.3, 101.5 105/169
2151 Boonville MO 93.1, 99.3 125/201
2153 Kansas City MO 90.1, 93.3, 94.9, 99.7, 102.1 225/362
9/4 Tr
1652 Kansas City MO 89.3, 93.3, 94.9, 99.7, 102.1\$ 225/362
1656 KTXR 101.3 MO Springfield, "The Gentle Giant," wx, soft AC 190/306
1657 KQRC 98.9 KS Leavenworth, "98.9 The Rock," local ads, legal ID, wx, classic r 255/410
2134 Lebanon MO 103.7, 107.9 155/249
2136 KWTO 98.7 MO Springfield, "Rock 99," live remote, classic r, w/VNNS 190/306
2145 WMC 99.7 TN Memphis, "FM 100," ads, legal ID, hot AC 250/402
9/26 Gw
0100 WMLL 104.1 IL Jerseyville, "The Mail," '80s o, x-WXTM active r
10/8 Gw
1030 WSSM 106.5 IL Granite City, "Smooth 106.5," smooth j, x-WKXK hot k
10/9 Gw
1920 KSD 93.7 MO St. Louis, "93.7 The Bull," hot k, change from hot AC
10/16 Gw
1520 KXOK 97.1 MO Florissant, "Radio 97.1," Dr. Laura, hot talk, change from classic r

September's tropes mostly revolved around intrastate DX, except for the reception of WMC 99.7 on September 13. The station sales in St. Louis have been completed, with three stations involved in the sales changing format. Low rated aggressive hard rocker WXTM 104.1 signed off during the last week of September, becoming an '80s format as WMLL "The Mail." The second week of October brought two format changes, one as a result of a station sale. WKXK 106.5 flipped from hot country to smooth jazz on October 8, switching calls to WSSM. The format change was a result of Emmis selling the station to Bonneville Broadcasting. The loss of WKXK prompted KSD 93.7 to change from a hot AC format to hot country. Another rocker went off the air on October 16, when KXOK 97.1 switched from classic rock to hot talk. The change marked the return of Dr. Laura Schlessinger's radio show to St. Louis (Dr. Laura was last heard on WIBV 1260, now WSDZ). Two morning shows ended up switching stations: Steve and DC are now on classic hits-formatted KIHT 96.3 and Howard Stern switches to modern rock station KPNT 105.7. 73, Eric (N0UIH)

December 2000



And there were shepherds living out in the fields nearby, keeping watch over their flocks at night. An angel of the Lord appeared to them, and the glory of the Lord shone around them, and they were terrified. But the angel said to them, "Do not be afraid. I bring you good news of great joy that will be for all the people. Today in the town of David a Savior has been born to you; he is Christ the Lord.

Merry Christmas
The Zondlo family
John, Carol, Christy & Joel

A simple, efficient TV antenna Rick Matthews

A folded dipole is an efficient TV antenna that is easy to construct. It will not compete with a good high-gain directional antenna, but it sure beats rabbit ears.

This antenna is optimized for a single channel, though it will often work acceptably on others. Design it for the signal that is giving you the most trouble, and perhaps it will work well for the rest. If not, build another for the next channel — they are cheap.

Construction Strip the insulation off just enough of each end to be able to twist the conductor and solder. This is the "folded dipole" antenna.

The antenna is made from "300 ohm twin-lead" the brown or black ribbon-like TV line that we all used before the days of cable television. There are two conductors running along the edges of the ribbon. You need to know the frequency of the station, which you can find out by calling the station. For channels 2 - 6, the frequency is given by

$$f \text{ (in MHz)} = 47 + 6 \times (\text{channel number}).$$

For channels 7 -13, the frequency is

$$f \text{ (in MHz)} = 135 + 6 \times (\text{channel number}).$$

For channels 14 and above

$$f \text{ (in MHz)} = 387 + 6 \times (\text{channel number})$$

Cut off a piece of twin lead one-half wavelength, where

$$\text{wavelength (in meters)} = 300 / f \text{ (in MHz)}.$$

STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records,
States Stats and Personal Best Statistics of FM/TV DXers.

Fred Nordquist
7945 Boxford Rd
Clay, NY 13041-8606
E-Mail: nordquist@twcny.rr.com

DECEMBER 2000

TV SCOREBOARD

FNAME	LNAME	LOCATION	TOTAL	UHF	LPTV	ES	MS	AU	USA	DC	CN	MX	FO	TPU	YB	AS OF
JEFF	KADET	IL MCCOMB	1668	1155	603	256	3	0	45	1	7	12	7	72	83	11/22/97
BOB	SEYBOLD	NY DUNKIRK	1406	818	242	224	30	6	49	1	7	3	5	65	50	08/15/97
FRANK	MERRILL	IL MACOMB	1390	887	393	247	21	0	45	1	7	12	3	68	85	02/20/96
WILLIAM	DRAEB	WI KEWAUNEE	1131	580	191	210	113	1	43	1	7	2	1	54	53	07/08/93
FERNANDO	GARCIA	NL MONTERREY	756	512	201	111	0	0	31			8	5	44	91	12/31/96
ROY	BARSTOW	MA TEATICKET	690	428	147	137	42	1	37	1	7	0	3	48	71	09/09/99
GARY	SIEGEL	OH TOLEDO	673	329	61	156	0	0	39	1	6	2	2	50	70	02/01/99
WILLIAM	HEPBURN	ON BRAMPTON	644	417	89	135	1	0	38	1	7	0	1	47	85	09/04/00
MIKE	LAPINSKI	NY JAMESTOWN	581	409	77	70	1	0	37	1	6	0	3	47	78	04/23/93
DAVID	NIEMAN	NY ROCK CITY	577	425	95	55	0	0	37	1	5	0	0	43	91	06/16/98
DAVID	NIEMAN	NY AKRON	556	366	77	90	5	0	37	1	7	0	0	45	84	03/01/94
JEFF	KRUSZKA	LA BATON ROUGE	526	332	89	103	0	0	35	1	1	9	3	49	93	02/05/00
DANNY	OGLETHORPE	LA SHREVEPORT	494	203	43	162	3	0	38	1	4	18	2	63	94	12/15/97
PAT	DYER	TX SAN ANTONIO	488	155	13	199	64	0	42	1	5	18	5	71	59	12/31/95
DOUG	SMITH	TN PLEASANT VIEW	470	233	38	56	1	0	36		2	5	1	44	94	09/06/00
GREG	CORNIGLIO	NY WILLIAMSVILLE	448	271	43	93	0	0	35		6	0	2	43	86	02/08/98
RICHARD	SHAFTAN	NJ SPARTA	430	222	40	122	0	0	37	1	6	0	1	45	81	01/31/99
FRED	NORDQUIST	NY CLAY	422	273	54	80	3	0	36	1	6	0	1	44	69	09/08/00
TOM	BRYANT	TN NASHVILLE	383	184	18	78	3	0	30		4	4	1	39	64	09/18/93
MATT	SITTEL	FL TALLAHASSEE	375	206	24	97	0	0	28		2	6	4	40	92	07/04/94
ERIC	BUENEMAN	MO HAZELWOOD	356	234	33	44	0	0	32	1	5	3	0	41	92	08/26/00
JOHN	JEFFERSON	CA ANTIOCH	206	106		75	1	0	16		4	4	0	24	74	01/01/97
BOB	SMOLAREK	NJ OLDWICK	166	116	15	20	0	0	25	1	0	0	0	26	85	01/01/94
RANDY	MILTIER	CA SAN JOSE	128	38	2	70	2	0	16		3	3	0	22	69	06/29/97
PAUL	MOUNT	NJ MONMOUTH	95	67	5	2	0	0	12	1	0	0	0	13	90	08/24/92
RICHARD	STEINBERGER	MA HUDSON	93	56	5	6	0	0	14		1	0	0	15	60	03/31/00
JIM	RENFREW	NY ROCHESTER	92	35	4	34	0	0	17		3	0	0	20	89	04/01/93
MIKE	HAWK	NE OMAHA	82	48	7	5	0	0	11		2	0	0	13	91	07/29/95
SHEL	REMINGTON	HI KEAAU	11	2	2	0	0	0	1		0	1	0	2	93	05/02/94

TV SCOREBOARD COLUMN DEFINITIONS: are as follows: Total = Total number of TV stations logged from Dxer's location (All loggings should be received within 25 mile radius of this location to count. Frequency changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes. UHF = All stations logged from Channels 14 to 83. ES = Total number of stations logged by E-skip. MS = Total by meteor scatter. AU = Total via Aurora. USA = Total number of states and the "+" = Washington DC. CN = Number of Canadian provinces logged. MX = Number of Mexican states logged. PO = Number of foreign countries, but not Canada/Mexico. TPU (Total number of political units) = Sum of USA CN MX and FO. YB = The year you began Dxing from a specific Dxer's location. Other groundrules for computing log totals are included in VUD issue 04/99 or at http://www.anarc.org/wtfdarecords_standards.htm

Note: Now is the time to update and submit your latest stats to keep up to date on the Scoreboard. Also submit any distance records, states stats and personal best statistics. Check <http://home.twcny.rr.com/nordquist/> Statistics databases for complete records of DXers submitted over the years. Send via email (text or EXCEL files are okay) or by postal mail. 73....Fred.

**VOLUNTEER! DON'T JUST SIT THERE
AND READ THE U.U.D.--PARTICIPATE!
WTfDA is your club, and always in
need of feature and technical
material...let's hear from you
today!**

